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Rev. 07/10/02

165365

INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - MILITARY (ER 415-1-302)	THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR.		
	REPORT NO.	041	
PROJECT	DATE	01 November, 99	
Solutia Sauget Area 1 Sauget, IL	CONTRACT NO.		
CONTRACTOR (Or hired labor)	WEATHER	Sunny, Temp. 60°F	
O'Brien Gere Menzie Cura			

CQC Inspection phases attended and instruction given:

- 1) OBG held Preparatory Inspection Meeting for Soil Gas Survey and Downgradient alluvial aquifer sampling
- 2) Menzie Cura on site to collect more fish. They did not get all that was needed on their first attempt last month. They told me what they needed was Large Mouth Bass and Crappie from the reference areas and the Borrow Pit. They did not distribute a list of what kind or how many but it is in their log books and they are staying with what the work plan asked for.

Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities.

- 1) A deviation was observed in the FSP for the start up and sample collection for the Soil Gas Survey activities. An SOP for static headspace sample collection was submitted as Appendix A. The work being performed is an in place soil screen similar to a PID. The actual method for the work to be performed as stated in section 5.2 of the FSP was submitted to Weston on a deviation log.
- 2) OBG had discussed deviating from the FSP for the ground water sampling. The plan states that samples will be collected at 10-foot intervals between ground water and bedrock. The FSP says samples will be collected on the way down and OBG was discussing pushing the probe to maximum depth and sampling on the way up. After further discussion between OBG and Solutia it was determined to stay with what was described in the FSP.

Verbal instruction given to contractor: (Include names, reactions and remarks)

1) None

Has anything developed on thee work, which might lead to a change order or finding of fact? Menzie Cura has collected some Large Mouth Bass from the borrow pit area but they were dead already. I questioned Katherine Fogarty on the validity of those samples if they were to be submitted to the lab. She said they would separate the dead fish for now and try again before they leave to collect some live specimens.

YES

Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc.

1) OBG trying to finish Mag Survey at Cerro Copper this week.				
Information, instructions or actions taken not	covered on	QCR report or disagre	eement:	
1) None				
SAFETY: (Include any infractions of approved s From Government personnel. Specify corrective			tructions	
I) None				
REMARKS: (Include visitors to project and misc	ellaneous re	emarks pertinent to wo	ork.)	
1) Erik Kemper (Weston) discussed the changes that came about during the Prep. Meetings with Tim Gouger (USACE) we agreed that the procedures for the Soil Gas Survey would				
remain as described in the FSP and the only change was to Appendix "A". We also talked about the water sampling, either to collect on the way up or on the way down as				
stated in the FSP. This became a non-issue as OBG and Solutia decided to stick with what the FSP said and collect the sample on the way down.				
INSPECTORS'S SIGNITURE	DATE	SUPERVISOR'S INITIALS	DATE	
Elle	11-01-99			
Windy -				

DAILY WORK LOG

			1 1	
	•		DATE 11/1/99	
PROJECT NAME Solution San	et Acul	PROJECT LOCATION	SILIH	
WEATHER Clady	_ PRECIPITATIO		TEMPERATURE	60°F
NUMBER OF HOURS WORKED	52.5	NUMBER OF EMPLOYEE	s7	
1. ITEMS WORKED ON (ITEM NO 2. INSTRUCTIONS RECEIVED FRO 3. INSTRUCTIONS RECEIVED FRO 4. DEVIATIONS 5. VISITORS (NAMES & TITLES) 6. EQUIPMENT 7. LUNCH MEETING COMMENTS: 8. UNUSUAL EVENTS (FIRE, FLOO 9. REMARKS:	M SOLUTIA M USEPA			
1) Held Soil bes Sorve Layout of Soil bus Po Down Grad + Alleral Down Grad + Alleral May sorred & Site Completed one Soi	Agustan Pent Hansach Jas Sung	I H G nipech Meety Lefort & Began So cont @ Site.I	phgCAA-SW-51 (SG-I-01)	Chothe
· Mand found of MIP	Prepue Di	enten for 90P	down	
3) None				
4) MIP SOP Change Fran	Approx A	of FSP. Diev	who for ca	plated
3) None		•		
(6) Geoprobe w/ MIP Robe May Famput Geograph Down Gnd OH Tem Land (Turbid) H(S Famput Support Vehicles	- Soil Bas + Allvaul Agul y Meters	<u> </u>		
1) Vone				
B None				
9 Nove				
IF ADDITIONAL SPACE IS REQU RECORD ON REVERSE SID		PRINTED NAME / SIGNA	ATURE OF PREPARER	1/1/99 PATE 9

P	REPARATORY INSPECTION	MESTING
Conducted by/Company: /im	ledesco 10 Brien-	n-Gere Date 290,499
Project Name: Sly C Si	ryt Arc. 1 Task:	Soil Oza Survey
L Scheduled Work:		
2. Equipment, Procedures, Personn	d:	
3. Ref. To App. Sec. of FSP/HASP:		
4. Issues that could arise and how to	resolve:	•
5. Solutia comments:		
6. EPA comments:		
1) Direct oush soil	ordbe to sporce.	Fret Olocitions show
Anagures 546 in +		
collected + 2 nzly zec		of total VOC concentations
	sciled wgroat fol	llowing completenent
suplim + znlysis	, 1, 50	$\frac{1}{1}$
7 1	, , , , , , , , , , , , , , , , , , ,	t will be direct push unk
		my require orilling to
Milens. Field GC		ated true duly Personal
include Innovine Pr		Decoune !
3) Sect. 5.2 of +1		
		thestated ettort, Direct po
		ling, detectable concentrate
Ast Fill (A)	J. By Experient	the 29 semples to
	will require trying	3
ATTENDANCE:	Outrent races zy	rienuts.
EMPLOYEE NAME (print)	EMPLOYEE SIGNATUR	RE COMPANY
TE Havesding	DEHender	006
JOHN Spensor	- Offin	1PS
EXX.	160	RSW
Property Perry	Mary 10	Sol Tia
Men LAFPGUTY	- Garage	MANGRICE -
Aram / Cool	- All Jul	
if additional space is re	EQUIRED, /im/e	Jexa LtiPU_
RECORD ON REVERSE		D NAME SIGNATURE OF PREPAREI
	غاره رو لاستنفاذ د د	27 0 21 7 4

PREPARATORY INSPECTION MEETING

Conducted by/Company: /im/cocsce/ Brian & Gene Date: 24at44 Project Name: Sulutial Struct Area I Task: Downson's Allevel Agike Suplie
Project Name: Sulvita? Sant Acra 1 Task: Downsolv + Allow Acra & Sulvita
Sold it it is the second of th
1. Scheduled Work:
2. Equipment, Procedures, Personnel:
3. Ref. To App. Sec. of FSP/HASP:
4. Issues that could arise and how to resolve:
5. Solutia comments:
6. EPA comments:
1 Collecting grandwater samples viz Geoprate from @ 9 location
Surrowing near sites Gill, Id LEhour on Figure 7 in the FSP
A total of 70 samples will becallected, continenced & shipped to 2
fixed began borchy for embrois. Taking hades will continued be seek
my gout following completion at obtaining sample.
2) Project in for collecting grandwith samples will be Graphite to 10 h
sampling intrusts down to bedruck (approx. 100 teet). Each sample interes
will be screened \$400E tube inxoled to 1-1/2 feet above betomet screen,
bich connector visit to attach flexible tolon, to HOPE time, flexible tolon, will
Connected though here of peristitle purp dedicherged to Syllia built. After 60
minutes at peging, held instamuts will be sed to monitor perenctors, once
perander requirements are mut samples will betaken. Simpling equipt will
the discorded between simples of pish not will be cleaned between sindia
interests. ISPA attack nitric scid solution will be used to accontainate egip
3) Sect. 5.9 st FSP+ Sect. 2.6 e+ HASP Mod D, check BZW/PIOtCGN
4) Geoprese result will require use of microuells vivorited into placed it
microully bils conventant percosion arilling equat. will be used. Insutiz
EMPLOYEE NAME (print) EMPLOYEE SIGNATURE COMPANY
Alan Cak OB6
Dave Hoverdink Doe Samply 906
De Carrotta
Lik Kemper
The state of the s
Vintedesco 1500 100 50 (dia
DOHN UPERAFT (A)
DAN CORETT JOSE 11 11
IF ADDITIONAL SPACE IS REQUIRED, /in /c/cs(a) IT. U
RECORD ON REVERSE SIDE PRINTED NAME/ SIGNATURE OF PREPARI
lerry Mobbs 29 DATE
P.O Cahokia

DEVIATION LOG

INDIVIDUAL REQUESTING DEVIATION / COMPANY	Y: DE Haverdonk /OD	by a Gove DATE ON NOV 99
HEALTH & SAFETY APPROVAL REQUIRED: YES:	NO:	
PROJECT NAME South - Sauget Area (PROJECT LOCATION	Sauget/Cakoka
WEATHER PRECIPI	ITATION	TEMPERATURE
NUMBER OF HOURS WORKED	NUMBER OF EMPLOYER	ES
1. CONTRACT ITEM BEING WORKED ON: 2. ITEM BEING DEVIATED (REF. APPROP. SEC. OF SEC. O	MENTED: SUANCES OF A CHANGE ORDE	ER OR BE THE BASIS OF A
1) Soil ges survey		
(2) FSP # 5.2, Appendix A	to FSP	
5) field GC for MIP 6) None 7) None		
<i>D</i> /// // // // // // // // // // // // /		
PRINTED NAME / SIGNATURE OF PREPARER	/Cinter / Pen	TURE OF SOLOTIA REP / DATE
DATE IF ADDITIONAL SPACE IS REQUIRED,	PRINTED NAME / SIGNA	ATURE OF USEPA REP / DATE

GAS CHROMATOGRAPH (GC) STARTUP PROCEDURES FOR MEMBRANE INTERFACE PROBE (MIP)

- 1. Confirm gas flow of hydrogen, nitrogen, and air.
- 2. Power on to GC and stabilize detectors.
- 3. Monitor detector signal.
- 4. Establish proper signal / attenuation range on GC.
- 5. Stabilize MIP heater.
- 6. Introduce butane samples for 5 seconds.
- 7. Observe flow times to detectors and record.
- 8. Confirm signal output.
- 9. Set up on location and initiate sampling.

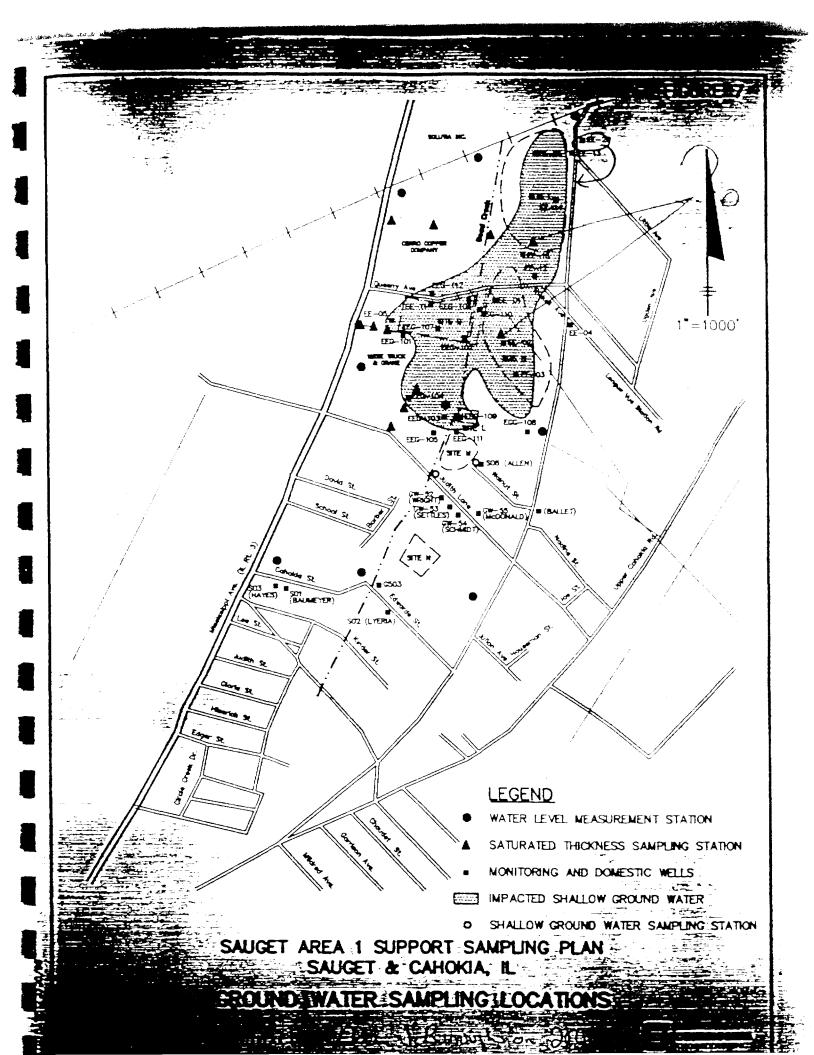
SAFETY MEETING FORM

	`	TOMETER SURVEY)	DATE / NOV 99
CONDUCTED BY / COMPANY :			
PROJECT NAME Solutio - S	sauget Area 1	_ PROJECT LOCATION	Site I (Ceno Copper)
WEATHER Partly Cloudy	PRECIPIT	ATION None	TEMPERATURE 60°E
NUMBER OF HOURS WORKED		NUMBER OF EMPLOYS	ES
SCHEDULED WORK: REFERENCES TO APPROPRIATE AND SAFETY ISS SPECIFIC HEALTH AND SAFETY ISS COMMENTS:	SUES WITH SCHEDU	LED WORK:	
O Continue magne	tometer good	layout and magne)	brater survey on Site I.
3 FSP # 5.4 ; h	1ASP# 2,3		
3 Slips/trips/fall	; musclesko	a/ ስ	
4) PPE is level D	standar Standar	of PPE for being on Cen	To property) hord hots & selety gla
15 lko canton at	Ceno due to to	offer of fact life I tru	uled pedestrians; also
			en trance /exit - Sign in a ou
ATTENDANCE: EMPLOYEE NAME (print)	EMPLOYER	SIGNATURE	COMPANY
5 Kenger	THE TOTAL	4	086
Mick lenkins Vina Seal & Penn	Mick fort	WIN	0B6 50/11a
Timiedesus	En P		O\$6
	· · · · · · · · · · · · · · · · · · ·		
IF ADDITIONAL SPACE IS RECORD ON REVERS		Dong Hawdinks PRINTED NAME IS	Don't Kursel SIGNATURE OF PREPARER
		/NOV 7	9
		7	DATE

(Soil Gas Survey)
CONDUCTED BY / COMPANY: DF Haverdink / O'Brien + Gare DATE / NOV 99 PROJECT NAME Solution - Sauget Area / PROJECT LOCATION Ste Tinitial WEATHER Portly Cloudy PRECIPITATION None TEMPERATURE 60% NUMBER OF HOURS WORKED NUMBER OF EMPLOYEES _____ 1 SCHEDULED WORK 2. REFERENCES TO APPROPRIATE SECTION OF FSP & HASP: 3. HEALTH AND SAFETY ISSUES WITH SCHEDULED WORK: 4. SPECIFIC HEALTH AND SAFETY ISSUES REQUIRING ATTENTION: 5. COMMENTS: Begin soil gas survey at Site I, moving to Site L if FSP# 5.2 . HASP# 2.7 (2) Potentral contact with air and soil which is impacted; muscle strain; SUPS/ forps/falls: noise : electre shock PPE is modified level D (tyreks, gloves, books + levelD) with respirators on hand:
are monitoring to breathing zone w) PMD & CGM; based on waste boring work
breathing zone pendings, Tevel C initial is not justified ar monitoring in breathing Smoking in support we hicles only; segregate wastes; use caution around field office and at Cerro Copper dive to traffic uncontailed intersections ATTENDANCE: EMPLOYEE NAME (print) **EMPLOYEE SIGNATURE** COMPANY DE Harsdink 19 Harris PREPARER PRINTED NAME / SIGNATURE OF PREPARER IF ADDITIONAL SPACE IS REQUIRED. **RECORD ON REVERSE SIDE**

SAFETY MEETING FORM

	SAFETY MEETING FORI	organisms) DATE <u> NOV 99</u>
CONDUCTED BY / COMPANY :	EHarridak / D'Boren & Gare	DATE / NOV 99
PROJECT NAME Souther - S	/	ATION N- of Judith La
	PRECIPITATION None	TEMPERATURE 60°F
NUMBER OF HOURS WORKED		MPLOYEES
3. HEALTH AND SAFETY ISSU 4. SPECIFIC HEALTH AND SAF 5. COMMENTS: (D) Begin down gi	RIATE SECTION OF FSP & HASP: JES WITH SCHEDULED WORK: ETY ISSUES REQUIRING ATTENTION: MAJOR & Complete Semples HASP & 2.6 (generally applications)	olicable - not installing wells)
	level D (respirator on-hund)	spashing of water, electric with air monitoring in breath,
ATTENDANCE.		COMPANY
ATTENDANCE: EMPLOYEE NAME (print)	EMPLOYEE SIGNATURE	
EMPLOYEE NAME (print)	EMPLOYEE SIGNATURE	
	EMPLOYEE SIGNATURE	MANUERK
EMPLOYEE NAME (print)	EMPLOYEE SIGNATURE	
EMPLOYEE NAME (print)	EMPLOYEE SIGNATURE	
EMPLOYEE NAME (print)	EMPLOYEE SIGNATURE	-
EMPLOYEE NAME (print)	EMPLOYEE SIGNATURE	-
EMPLOYEE NAME (print)	EMPLOYEE SIGNATURE	- •
EMPLOYEE NAME (print)	EMPLOYEE SIGNATURE	-



WORK FORECAST

Work Forecast for the day/week: 112/99 Date: 11/199
Project Name: Solutiz Sayet Acal Project Location:
Company Name: D'Brien & Gere
1. List Work Items and Locations Scheduled for Next Day/Week:
· Continue Levert of Soil Gas Grid C_ Sole 6 · Continue May Surry @ Site I as able pendy Comp Mount of Tracks · Continue Down Good + Allumal Agrific Suphy @ SW Transect Statu I (AA-SW-SI) · Continue Soil Gas surrey @ Site I · Install Regional Flor Prezintan @ Site N P3-C (S,M,
Alan J Cak/AD NO / 11/1/99

Name/Signature/Date of Ereparer

If ADDITONAL SPACE IS REQUIRED,

RECORD ON REVERSE SIDE

DAILY WORK LOG

	DATE 1///79
PROJECT NAME <u>load Cresh Sunget Area I</u> PROJECT LOCATION	Sauget/Cahotio, III.
WEATHER PRECIPITATION Should be seen a second by the	TEMPERATURE ±30°F
NUMBER OF HOURS WORKED NUMBER OF EMPLOYE	ES
regarding use of fish that were dead at +	
H. now	
5, none	
le seines and dip nets	
7. NON	
3, non	
9. The water level is even lower in Borrow P. F to are dead on dying due to row water correls	an in October, Fish
Hundredo at fish were cought in some in both cought in some in Borrow At were large month	locations. None of fish
Grent wester "/2/99 HM 0722	
IF ADDITIONAL SPACE IS REQUIRED, RECORD ON REVERSE SIDE PRINTED NAME / SIGN.	ste / Lathound O Joynet 1/4

SAFETY MEETING FORM

CONDUCTED BY COMPANY: Kathening For	inte	DATE 11/1/99
PROJECT NAME Dond Clark - Sanget Area 1	PROJECT LOCATION	Souget/coher.a, Ill
WEATHER PRECIPITA	TION	_ TEMPERATURE 60-70
NUMBER OF HOURS WORKED	NUMBER OF EMPLOYEES	S3
SCHEDULED WORK: REFERENCES TO APPROPRIATE SECTION OF FS HEALTH AND SAFETY ISSUES WITH SCHEDULED SPECIFIC HEALTH AND SAFETY ISSUES REQUIR COMMENTS:	O WORK:	
(1) Collect fish from Bollow Pit and P		
(a) Section 4.7 of the QAPP for Ecological Ri 3) Avoid contact with Sediment	150 H35655 Ment, H45V H	Ecologia lask 1755es smen
Place & Bouting estite were life inches in Biological harman Coison vy ste	1 60at	
7 none		
5.norė		
ATTENDANCE: EMPLOYEE NAME (print) EMPLOYEE SI	IGNATURE	COMPANY So C Y Y
Daglevin	col yhunn	CMA
Evit Kemps Ciff	- Christian	RFW
Given to wester 0758 seep "	1/199	
IF ADDITIONAL SPACE IS REQUIRED, RECORD ON REVERSE SIDE	Katherine Fognity ! PRINTED NAME / SIG	NATURE OF PREPARERS
·		ATE

WORK FORECAST

Work Forecast for the day/week: 1/1/99 Date: 1//1/99
Project Name: Desd (noch Suget Avea! Project Location: Sauget/ Cahokia, T/
Company Name: Menzie - Cus : Associates
1. List Work Items and Locations Scheduled for Next Day/Week: 1. Sale to psie to Organia Equipment / tacks
2. Set traps in Bervow p. + and reference ponds
3. electroshock in borrow Pit (and Pay lands if time allows).
If ADDITONAL SPACE IS REQUIRED, RECORD ON REVERSE SIDE Katherine Fogate Hourid Adopaty Name/Signatural Date of Preparer 1//99

Given to wester "/1199 0750 = \$601

WORK FORECAST

Work Forecast for the day/week: 01/1/1 Date: 11/1/99
Project Name: Doed Crock Sauget Aven I Project Location: Sauget/Cahoka, I
Company Name: Monzie-Cura : Associatio
1. List Work Items and Locations Scheduled for Next Day/Week:
1. (alleted game fish (largemouth has an white beas) from Barrap Pit and Ref. Pands to make complete to sample nos.
a Collect exapple from Ref Haren a to make complete Sample 105.
3. P.CK up brown bullhoods and crappel from Borrow Pit and Referency Ponds to augment if avoilable to suggest Samples collected previously.
•
If ADDITONAL SPACE IS REQUIRED, RECORD ON REVERSE SIDE Kathein Foratty Kathein Atogett Name Signature Day of Preparer 1///99
Grento messon 1//29 0750 top

Nov-1

OBG Condated Preg Meeting

a deviation was developed to dearly

the type of sample to be taken

according to the FSP a static head space
sample will be taken when actually

the equippet used will insert a probe

and GC unit will delect any fluxuation

Menera Cra here to collect fish Charlie is not here one method they intend to use is electron shock

Dead fish were collected from the borrow pit I asked if they thought those would be valid specimens and they wered sure they are going to keep the dead fish separate from the time eatch

Steve Bodien not able to be leve so I will observe this work

	1.00 % (0.00)				
INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - MILITARY (ER THE OCR WILL BE ATTACHED TO OR FILED WI 415-1-302) QAR.					
	REPORT NO.	042			
PROJECT	DATE	02 November, 99			
Solutia Sauget Area 1 Sauget, IL	CONTRACT NO.				
CONTRACTOR (Or hired labor)	WEATHER	Partly Sunny, Temp. 45°F			
O'Brien Gere Menzie Cura					
CQC Inspection phases attended and instruc	tion given:				
1) Soil Gas Survey: (FSP section 5.2) on sites H, L, and I. 2) Alluvial aquifer groundwater sampling: (FSP Section 5.9) at AA-SW-S1 from 26 and 36 feet. 3) Magnetometer survey: Parts of Site I 4) Piezometer installation: Site N complete. 5) Existing well sampling: Sampled damaged well EEG-105 with Geo-Probe took sample at 26 feet 6) Menzie Cura at ref. area past Bluff Road collecting fish. Completed this area.					
Results of QA inspections and tests, defic	iencies observed	d, actions taken and corrective			

Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities.

1) Steve Brodman (Weston) was not able to be here for this round of Ecological sampling. It was determined that Erik Kemper would observe the Menzie Cura activities.

Verbal instruction given to contractor: (Include names, reactions and remarks)

1) None

Has anything developed on thee work, which might lead to a change order or NO $\underline{\text{YES}}$ finding of fact? Menzie Cura has not yet collected live fish from the borrow pit.

Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc.

1) OBG trying to finish Mag Survey at Cerro Copper this week. Cerro working very slowly.

Information, instructions or actions taken not 1) None	covered on	QCR report or disa	greement:
SAFETY: (Include any infractions of approved s From Government personnel. Specify corrective			nstructions
1) None			
REMARKS: (Include visitors to project and misc	ellaneous r	emarks pertinent to	work.)
1) Michael McAteer will be in the area Nov.	3 rd , 4 th , and	d 5 th	
INSPECTORS'S SIGNITURE	DATE	SUPERVISOR'S INITIALS	DATE
Caller	11-02-99		
Cilky			

DAILY WORK LOG

				Sup., Mag. S.	, , , , , , , , , , , , , , , , , , ,	ATE <u>02 NOV</u>	17
PROJ	ECT NAME	Vatra-Sauget	Area 1	PROJECT LOCA	TION 1	1. of Just 7h Ln.; S	1205 H.I.L
NEAT	THER <u>Clear</u>	Lwindy	PRECIPITATI	ON None		TEMPERATURE	~45°F
NUME	BER OF HOURS	WORKED	2,5	NUMBER OF EN	MPLOYEES _	5	
2 IN 3 IN 4 D 5 V 6 E 7 LU 8 U	ISTRUCTIONS R ISTRUCTIONS R EVIATIONS ISITORS (NAMES QUIPMENT UNCH MEETING	RECEIVED FROM RECEIVED FROM S & TITLES)	SOLUTIA USEPA	A. TO STA., FORE			
0	· Sail gas and I g · Down grad:	ent clluvial as	witer sampling	Collecte	2 sam	8 points on S. pies from 37	
	· Magnetom	eter survey:	completed 5	urvey S. of	"Old Que	my " road at -	Ste I
<u>Z)</u>	None None		· · · · · · · · · · · · · · · · · · ·				
9) 3)	None None						
<u></u>	Georgia de rie	elicles, mon	n/P (soil gas	joment, HES	rebe right	W sampling) , ,	magnelom
7	None						
<u>g</u>	None						
		3	OJ GENIMBU	WESTON OZNO	199 @ 18	3/0	
IF		PACE IS REQUIR REVERSE SIDE	ED,	E Havidne		RE OF PREPARER	WY9_

DAILY WORK LOG (Piezometers, GW Sump.)

DATE 11/2/99

PROJECT NAME Solvha Savyer Areal	PROJECT LOCATION SITE N & JUDITH LAME
WEATHER ~ 45° F WINDY SUMMPRECIPITATI	
NUMBER OF HOURS WORKED	NUMBER OF EMPLOYEES
1. ITEMS WORKED ON (ITEM NO., DESCRIPTION, ST 2. INSTRUCTIONS RECEIVED FROM SOLUTIA 3. INSTRUCTIONS RECEIVED FROM USEPA 4. DEVIATIONS 5. VISITORS (NAMES & TITLES) 6. EQUIPMENT 7. LUNCH MEETING COMMENTS: 8. UNUSUAL EVENTS (FIRE, FLOOD, STORM, LABOR 9. REMARKS: (1) INSTRUCTO P3-C-S, \$P3-C-M.	MUS P3-C-D @ SITE H, Collected
(2) Hone	105-GP and MS/MSD AT THIS lower on.
D) None (G) None (G) Choppeoch RIG, monitoring Equip., (D) None (D) None (D) None (D) None	PPE, peristructic pump
JM HARRISS (SUB) 8.5 HRS	
SUBMITED TO W	RSTON OZ NOV99 C 1810
IF ADDITIONAL SPACE IS REQUIRED, RECORD ON REVERSE SIDE	ONY FINAL AND 11/2/99 PRINTED NAME / SIGNATURE OF PREPARER / DATE

WORK FORECAST

6, N

Work Forecast for the day week: 03 NOV 99 Date: 02 NOV 99
Project Name: Solutia - Sauget Aroal Project Location: N. of Jadin Ln. Siles I
Company Name: O'Brien + Gere
1. List Work Items and Locations Scheduled for Next Day/Week:
· Continue magnetometer survey at Site I as space allows
· Continue soil gas survey at Sites 6. N. + I
· Continue downgradient alluvial aquifer sampling N. of Judita Lane
· Continue GW sampling at damaged or non-located wells
SUBALITED TO WESTON OZNOV 21 @ 1810
If ADDITIONAL SPACE IS REQUIRED, DE Havedirk DE Havedirk De New 99 Name Signature Date of Preparer

If ADDITONAL SPACE IS REQUIRED, RECORD ON REVERSE SIDE

		MEETING FORM		
,	(Soil gas	•	DATE 02 A	W 99
CONDUCTED BY / COMPANY : $\underline{\mathcal{L}}$	DE Haverdink	10 Bren + Ger		
PROJECT NAME Solutia - Sa	inget Area 1	_ PROJECT LOCAT	ION SikI	
WEATHER <u>C/2a</u> -	PRECIPITA	ATION None	TEMPERATU	RE <u>457</u>
NUMBER OF HOURS WORKED		_ NUMBER OF EMP	PLOYEES	
1 SCHEDULED WORK:				
2 REFERENCES TO APPROPR				
3 HEALTH AND SAFETY ISSUE 4 SPECIFIC HEALTH AND SAF				
5 COMMENTS:				
1) Soil gas survey	e usine MIP	for total VOCS		
		70/2 2 2 2 2 2		
(Z) FSP # 5, Z;	HASP 42.7		·	
(3) Slips/Hips/Falls	· · · muscle si	train: noise	electric shock : 1	okertal
contact / in hala to	on of imper	led air; minin	nal potential contest	with
impacted soil	- · · · · · · · · · · · · · · · · · · ·			····
9) PPE: Medified	level 1) w/ a.	of hi monitorium in be	eather zone of Ph	Dribn
(based on breath	ing zone readings	during WASK born	ngs & since this task	is a closed
, , , ,	`			
(5) Snoking in support	vehicles only;	secregate wastes	and document appropri	stell on
waste tracking log	; drive with c	authon on Convice	there and oround fix	ld office
ATTENDANCE				· · · · · · · · · · · · · · · · · · ·
ATTENDANCE: EMPLOYEE NAME (print)	EMPLOYEE	SIGNATURE	COMPANY	
- Eick Kenn	Eilly		REKL	· · · · · · · · · · · · · · · · · · ·
Alen Car	110	15011	LAURAN OBC	
Jani Heren	50	7,0	NOS.	
Kinbert 7 Perry	- And the second		20/-71	<u>``</u>
Dea Willis	J.A.H.	GAZ.		
	······································			
	······································			
		····		
Submitted to	Miller	11-2-99	12111)	
- SW-TANACA	- push - c	/ 	10110	
IF ADDITIONAL SPACE IS RE	EQUIRED	DE Haverdonk /	DE Hawadon	
RECORD ON REVERSE			ME / SIGNATURE OF PRE	PARER
		02	NOV 89	
		<u> </u>	DATE	

SAFETY MEETING FORM (Magnetometer survey)

CONDUCTED BY / COMPANY : DE	Hairerdink / C	Brien & Gere	DATE <u>02 NOV 9 9</u>
PROJECT NAME Solutia - Sauge	et Area 1	PROJECT LOCATION	Site I
,	PRECIPITATIO		TEMPERATURE ~45%
NUMBER OF HOURS WORKED		NUMBER OF EMPLOYE	ES
1 SCHEDULED WORK: 2 REFERENCES TO APPROPRIATE 3 HEALTH AND SAFETY ISSUES W 4 SPECIFIC HEALTH AND SAFETY 5 COMMENTS:	TH SCHEDULED W	ORK:	
O Continue magnetometer	grid layout	and magnetone k	survey on STRI
(2) FSP N S, 4; HASP #	2,3		
3 Slips / trips / falls ;	muscle strain		
(4) PPE is level D (no	steel toes wh	en performing may	Netometer readings)
(5) At Cerro Copper: dring traffic: sign in & cat drive carefully around	A BECUSITY &	intrance; smoking	in rehides only;
ATTENDANCE: EMPLOYEE NAME (print) Likeway Clarke A Perm	EMPLOYEE SIGN	NATURE	COMPANY PRU SO (LT)
A) C-V		Ű.	01/2 01/2
Ken LAFFERRY	tref		MANNICIE
Sabnitlet to West	en 11/00	199 181	0
IF ADDITIONAL SPACE IS REQUIRECORD ON REVERSE SIDE		DEHAVERdINK / J	GIGNATURE OF PREPARER
ALOUAD DIN NEVERSE SIDE	•	OZ NOV	
•		007	DATE

	i kegional, Flow Dezomber	(N at :)
CONDUCTED BY / COMPANY : Alsa		
PROJECT NAME Solutia Sauge	-Are: 1 PROJECT LOCA	TION Region/Flow Pieraneters P3-C
WEATHER Clear/Wndy	PRECIPITATION None	TEMPERATURE 45°F
NUMBER OF HOURS WORKED	NUMBER OF EM	IPLOYEES
1. SCHEDULED WORK: 2. REFERENCES TO APPROPRIATE 3. HEALTH AND SAFETY ISSUES WI 4. SPECIFIC HEALTH AND SAFETY I 5. COMMENTS: (1) Install Pierometa & Ex	TH SCHEDULED WORK: SSUES REQUIRING ATTENTION:	Ste N
2 FSP Section 5.6.3	41AST SECTION 5.6.3	HASP Section 4.12 \$ 4.13
3) Moving Mechanial Egry	omet, Sl.ps/fulls, mu	selp strain, noise
A PriE Nod ted Level is Wasa Pubba glove, wh PID (3) Watch RP intersection	· · · · · · · · · · · · · · · · · · ·	glasses & heavy to tection I mater. Screen hole w/
ATTENDANCE: EMPLOYEE NAME (print) TONY FINAL TIME ARRISS IGNORY PERFY DEAL ANGESTER LEGAL CONTENTS ELLEGAL ELLEGAL THE TONY TONY TONY TONY TONY TONY TONY TONY	EMPLOYEE SIGNATURE Character of the control of the	COMPANY OBG HARRISS DRILLING COMPANY OBG WALKERISS COMPANY OBG DRILL DRICH DRI
the Submitted +	Wester, 11-2-	99, 1810
IF ADDITIONAL SPACE IS REQUIR RECORD ON REVERSE SIDE		AME / SIGNATURE OF PREPARER

SAFETY MEETING FORM (Down gradient alluvial aguifer sampling)
DATE DZ NOV 89 CONDUCTED BY / COMPANY: DE Hoverdink / O'Brien + Gere PROJECT NAME Solutia - Sauget Ana / PROJECT LOCATION Not Judith Ln WEATHER Clair PRECIPITATION None TEMPERATURE +45°F NUMBER OF HOURS WORKED ____ NUMBER OF EMPLOYEES SCHEDULED WORK: REFERENCES TO APPROPRIATE SECTION OF FSP & HASP: 3. HEALTH AND SAFETY ISSUES WITH SCHEDULED WORK: 4 SPECIFIC HEALTH AND SAFETY ISSUES REQUIRING ATTENTION: COMMENTS: Drungradient alluvial aguifer sampling (generally applicable - not instelling wells Potential contact with VOCs, combustible gosses, splashing of water, electric shock, muscle strain, slips/trips/feller noise PPE is modified level D with air monitoring in breathing zone respirator on hand is upgrade to level C is necessary Segregate wastes and document appropriately on waste tracking loo; support relicles only; drive with caution around field office Smoking in ATTENDANCE: EMPLOYEE SIGNATURE EMPLOYEE NAME (print) IF ADDITIONAL SPACE IS REQUIRED. PRINTED NAME / SIGNATURE OF PREPARER RECORD ON REVERSE SIDE 02 NOV 99

E-STLOUIS-DIVISIONADMINI FFRSAFLOG WYD

Solutia Inc. Sauget Area 1 (Please Print)

Date	Name	Organization	Phone #	Time in	Time Out
11-2-99	ويرون والمراجع والماحية فيتمار الماحية والماحية والماحية والماحية والماحية والماحية والماحية والماحية	O'Brien + Gure	3/4 397 3723	0635	810
11-2-99	Kimberly Perox	Saluta	314 674 3402	06,25	11 14
11-2-99	Alun Cal	0'Bm & bee	314 393-3721	0640	0930
11-2-99	Tomy FINCH	0136		deso	1730
11-2-99	Bill Wright	086	314-842-4550	0655	1810
11-2-99		_ I PS	6182447900		1600
11-2-99	DAN LORDY	ips	619 244 7900		1630
11-7-99		MAUSTICIC		0710	ाक सूर्य
11.7.94	Dug Cevin	CHAT MCA	401-232-6421	0715	1805
2/7/99	Philip C Dawney	A a contex Buolosical	86A1 088 LUA	0715	1805
1112199	Kornerin Frante	morie-Cura	978-453-4300	07:15	1605
11-2-99	Jim HARASS	HARRISS DRILLING		07120	1600
11-8-49	Dea buller	ale	919/349-6240	U7:20	1840
11.2-89	Fik Keum	REW		730	1230
1-7-99	N. Jankins	O'Brien & Sere	842 4550	9:30	1800
34)					, "(1
(E)					
The state of the s					3 S F 1
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Sauget Site Investigation Waste Tracking Log

Date: 11/2/99

Date	Site	Activity	Waste Type	Qty	Container Type	Storage Location	Drum#	Initials
11/2/99	N	PIEZUMENER INSTALLATION AND EEG-105-GP DURGENMER	AO	3991	truck truck	JUDITH LAME TAME	NA	ASF
11/2/99	SW GHIL	PLEZOMETER INSTRUMTION AMP ETG-105-GP PLEGE WATER DOWN Gradient HILLY 1911 14 CGLIFEY	AQ	45	Bull	Justin Lane Tunk	NA	wen
		/						
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}								
			•					

Notes:

Storage Tank Capacity: 4,900 Gallons

DAILY WORK LOG

DATE 11/2/99
PROJECT NAME Dead Coult Souget Area F PROJECT LOCATION Souget / Cahotia, III.
WEATHER _ Clean PRECIPITATION NOW TEMPERATURE 30-40'5"
NUMBER OF HOURS WORKED NUMBER OF EMPLOYEES
ITEMS WORKED ON (ITEM NO., DESCRIPTION, STA. TO STA., FOREMAN) INSTRUCTIONS RECEIVED FROM SOLUTIA INSTRUCTIONS RECEIVED FROM USEPA DEVIATIONS
5. VISITORS (NAMES & TITLES) 6. EQUIPMENT
7. LUNCH MEETING COMMENTS: 8. UNUSUAL EVENTS (FIRE, FLOOD, STORM, LABOR DISPUTES, ETC.) 9. REMARKS:
1. Collocted fish from Reference Aven 2-2 (Pond). 3 iangements Bass, 4+ crapped Redunned to bowow pit, collected a large mouth bass
a. none
3. none
y, nove
5. Exic Kemper of Weston observed fishing at Reforeme Avea 2
6. seines, dip nets, ion bear
7. no no
8. no√
9. Soined 1005 of 165 of fish from the Bollow Pit but only obtained a large mouth bass.
Civen to he, for 11/3/99 0735 FAV
IF ADDITIONAL SPACE IS REQUIRED. Kathevine Fogate Fogate Kathevine Fogate Fogat

SAFETY MEETING FORM

CONDUCTED BY / COMPANY: Katherine Fogarty Menzy. Cura	DATE 11/0/99
PROJECT NAME Doad Creek/Souget Area I PROJECT LOCATION	Sauget/Cahokia, III.
WEATHER PRECIPITATION NOW	TEMPERATURE 40-500 F
NUMBER OF HOURS WORKED NUMBER OF EMPLOYE	ES <u>3</u>
1. SCHEDULED WORK: 2. REFERENCES TO APPROPRIATE SECTION OF FSP & HASP: 3. HEALTH AND SAFETY ISSUES WITH SCHEDULED WORK: 4. SPECIFIC HEALTH AND SAFETY ISSUES REQUIRING ATTENTION: 5. COMMENTS:	
1, Fish collection in social Reference Avea 2 and	Borrow P.t.
2. Section 4.7 of eco risk assessment QAPP; 1-	ASP for CO rist assessme
3. Boating Safely- wear life jackets in sout	
Trip slip fall hazards.	
Avoid contact with contaminated Sodiment	
Avoid biological hazands; e.g., poson ivy	
4. nore	
5.none	
ATTENDANCE: EMPLOYEE NAME (print)EMPLOYEE SIGNATURE	COMPANY
Dhirp Laven Plan Champ	ARS
Kimpenty Perry Kaly 11	Solator
Kuntuffer Croffel	MANITAICIE
Green to weston "/2/99 Kep 0730	
IF ADDITIONAL SPACE IS REQUIRED, RECORD ON REVERSE SIDE Value Fogotty PRINTED NAME AS	GNATURE OF PREPARER
	DATE

WORK FORECAST

Work Forecast for the day/week: 11/2/99	Date: 11/2/99
Project Name: Dead Creek / Sauget Avag Project Location	: Sauget/Cahokia, D//
Company Name: Mon in - Cura i Associates	
1. List Work Items and Locations Scheduled for Next Day/Week: (1) Collect fish - at least 3 langemouth, from Reference Aveg 2	ass and 4 crappu
a) Collect fish - at least 3 largements of Borrow P.t.	Bass from the
Given to meston 11/2/99 HAR 0730.	
<u> </u>	
Kathering Fagants	Kelhenie Hogort 11/2/19

If Additional space is required. RECORD ON REVERSE SIDE

Name/Signature Date of Preparer

16v2 OBG installed piecemeters at site.

Notable also collected uniter sample from almaged well location EEG. 105 Statel Dougadner Allowal aquiler Sangling Collected 3 Bass - 4 crappie from Ret Ave 2_ also 2 Bass From the Barrow Pit only need one some from the Brown Pil' and they will be there Electic Shock methon not working 1. poleragh noter to fleat the equipment 2 easier to use the seigns at this print

INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - MILITARY (ER 415-1-302)	THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR.		
	REPORT NO.	043	
PROJECT	DATE	03 November, 99	
Solutia Sauget Area 1 Sauget, IL	CONTRACT NO.		
CONTRACTOR (Or hired labor)	WEATHER	Sunny, Temp. 60°F	
O'Brien Gere Menzie Cura			
CQC Inspection phases attended and instruction given:			
1) OBG conducting soil gas survey at sites G and N, 2) Alluvial Aquifer Groundwater Sampling: sampled AA-Sw-Sl at 46 and 56 feet 3) Existing wells EEG-103 & EEG-111 were sampled by using push technology, EEG-103 was taken at 19 feet and EEG-111 was taken at 20 feet 4) Menzie Cura at the borrow pit and they were able to collect enough live samples so their task has been completed all specimens will be sent to Savannah Labs and stored until a later date.			
Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities.			
1) Alluvial Aquifer sampling is taking a lo	ot of time. The	e turbidity is not going below 5	

NTU's as required in the FSP so purging continues for two hours at each interval before

YES

NO

Verbal instruction given to contractor: (Include names, reactions and remarks)

Has anything developed on thee work, which might lead to a change order or

Information on progress of work, causes for delays and extent of delays, weather, plant,

1) No trucks were moved at site I so Mag. Survey could not be performed today.

finding of fact? Menzie Cura was able to collect live specimens from the borrow pit. Their field work has been completed however they still owe a

samples can be taken.

plan for the use of the freshwater shrimp.

1) None

material, etc.

Information, instructions or actions taken not 1) None	covered on	QCR report or disagree	ement:
SAFETY: (Include any infractions of approved safety plan, safety manual or instructions From Government personnel. Specify corrective action taken.)			ructions
1) None			
·			
REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work.)			ck.)
1) Michael McAteer on site for a visit today we discussed the progress of the project.			
INSPECTORS'S SIGNITURE	DATE	SUPERVISOR'S INITIALS	DATE
Culking	11-03-99		

DAILY WORK LOG

DATE 03 Nov 99

WEATHER <u>Clear</u>	PRECIPIT	TATION None	TEMPERATURE ~60%
NUMBER OF HOURS WORKED	57	NUMBER OF EMPLOYE	es <u>6</u>
1. ITEMS WORKED ON (ITEM	NO., DESCRIPTION	, STA. TO STA., FOREMAN)	
2. INSTRUCTIONS RECEIVED			
3. INSTRUCTIONS RECEIVED 4. DEVIATIONS	FROM USEPA		
5. VISITORS (NAMES & TITLE	S)		
6. EQUIPMENT			
7. LUNCH MEETING COMME			<u>.</u>
8. UNUSUAL EVENTS (FIRE, 9. REMARKS:	FLOOD, STORM, LA	BOR DISPUTES, ETC.)	
9. NEIWANNS.	· · · · · · · · · · · · · · · · · · ·		
(1) . Soil gas surve	: complete	1 soil gas sampling at	
at 5.7e	V (2 points)	lard out soil gas	
and on S		access was available) Site I	; laid out remaining
· Magnetoneter		able to perform survey	- mines trucks were
not cleare		+ 10 ps 10 p	Since Traces Wat
· GW sampling a		: EG6-103 + EXE	5-11
	J		
			(1/2 1/2 = \ PA
- Down gradient 9	lluvial agniter s	sampling: #4-5W-S	1-(42-46FT)202-561-5

2 None			
None None Work			
5) Nove			
6 Geosrobe rig W/	GC & MIP (Soil 90	s): 2 Geoproke rigs to	a fillen als a sumart
Webseles : man	ne to me ter . To	14 5 equal someting	or GW sampling; support
2013	, , , , , , , , , , , , , , , , , , , ,		, , , , , , , , , , , , , , , , , , ,
None			
Nove	11:	1= 11= ================================	
LEAD ROD WITH	come but brown	oilet Hole upon Retrie	val of Equipment,
	EM-02 MT SI	11 4	RE RETRIEVED
		Te II. Coch CD V 20	-)
	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	TO TO THE P	
- ANEW TO M	en 11/3	199 (181 mg	
	· · · · · · · · · · · · · · · · · · ·		
		0>11	
IC ADDITIONAL COLORS	COLUBED	DE Haverdink DEA	6-1 03NOV 99
IF ADDITIONAL SPACE IS I	KEUUIKED.	I I I I I I I I I I I I I I I I I I I	

SAFETY MEETING FORM (Magnetometer survey)

CONDUCTED BY / COMPANY : DE HA	werdink/0'L	Snen + Gore	DATE <u>03 NOV 99</u>
PROJECT NAME Solutia - Sauget A	•		Site I
WEATHER			TEMPERATURE ~35'F
NUMBER OF HOURS WORKED	N	IUMBER OF EMPLOYEES	
SCHEDULED WORK: REFERENCES TO APPROPRIATE SEC. HEALTH AND SAFETY ISSUES WITH SEC. SPECIFIC HEALTH AND SAFETY ISSUES. COMMENTS:	CHEDULED WO	RK:	
O Continue magnetometer grid	1 layout a	nd magnetometer	survey on STRI.
(2) FSP# 5,4; HASP # 2,3			
3 Slips / trips /falls; mu	scle strain		
(4) PPE is level D (no st	cel toes when	performing magne	to meter readings)
(5) At Cerro Copper: drive of trafiz; sign in & out of drive carefully around for	security en	trance; smaking	in relides only;
ATTENDANCE:			
	APLOYEE SIGNA	TURE	COMPANY
Ken CARBURY	3957		RFW
fair for	Jan P	end	Solutia
Alan Cal Vicolos Jenkins 16	Colus 2 Jens	rus	036
SUBMI	TED TO WEST	DAY OS NOV99 @	/6/S
IF ADDITIONAL SPACE IS REQUIRED, RECORD ON REVERSE SIDE	DE	Havedink D PRINTED NAME I SIG 03 NOV 9	E House
			ATE

SAFETY MEETING FORM (Soil gas survey) DATE 03 1/01 99 CONDUCTED BY / COMPANY : DE Haverdink / O'Boren + Gare PROJECT NAME Solution - Sauget Area / PROJECT LOCATION Siks G. I + N PRECIPITATION None WEATHER C/eas TEMPERATURE ~35 F NUMBER OF EMPLOYEES NUMBER OF HOURS WORKED 1. SCHEDULED WORK: 2. REFERENCES TO APPROPRIATE SECTION OF FSP & HASP: 3. HEALTH AND SAFETY ISSUES WITH SCHEDULED WORK: 4. SPECIFIC HEALTH AND SAFETY ISSUES REQUIRING ATTENTION: 5. COMMENTS: Soil gas survey using MIP for total VOCs (1) Slips / trips / falls; muscle strain; noise; electric shock; potential contact / inhalation of imperied air; minimal potential contact with impacted soil from headling push rods level D w/ chemical -resistant gloves while heading rods based on breathing zone readings during wask borings + since this task is a "closed system", level C is not justified, not is mad D justified based on frenous days) Smaking in support vehicles only; secregate wastes and document appropriately on waste tracking log; drive with caution on Cero Copper and around field office ATTENDANCE: EMPLOYEE SIGNATURE EMPLOYEE NAME (print) COMPANY SUBMITTED TO WESTON OBJUN 99 (A 1615 DE Handank | SE Moreland
PRINTED NAME / SIGNATURE OF PREPARER IF ADDITIONAL SPACE IS REQUIRED, RECORD ON REVERSE SIDE 03 100/99

DATE

	Y MEETING FORM	
CONDUCTED BY / COMPANY : DE Haver dink	dient, alluvial aguifer sai	spling - and an
CONDUCTED BY LOOMBANY AF IS Damage	ed well so apling	DATE DS NOVYY
CONDUCTED BY I COMPANY : TE HAVE CHINE	O'Brien + Gove	
PROJECT NAME Solutia - Sauget Area	PROJECT LOCATION	Not Judith Ln., EEG-111
WEATHER C/ear PRECIP	PITATION None	TEMPERATURE ~35%
NUMBER OF HOURS WORKED	NUMBER OF EMPLOYE	ES
1. SCHEDULED WORK:		
2. REFERENCES TO APPROPRIATE SECTION C		
3. HEALTH AND SAFETY ISSUES WITH SCHEDU		
4 SPECIFIC HEALTH AND SAFETY ISSUES REC 5. COMMENTS:	JUIRING ATTENTION:	:
J. COMMENTS.		-
1) Drum gradient alluvial aguifer	sampling & demand we	Il samolina
<u> </u>	<u> </u>	
(2) FSP # 5.91 : HASP # 2	is generally applicable	e - not instelling welle)
13) Physical Control With Wale	care builtha access 50	tologo of social about
3) Potential contact with VOCs. Shock muscle strum slips	ANDSI FUE DOISE	ashing of Water, Electric
(4) FPE is modified level D with	air monitoring in brea	thing zone usine PID+CGA
lespirator on hand if upgrade to	s fevel C is necessary	<u> </u>
(5) Seengak wastes and document support relicles only; drive	a posspriately on LMSRE	Hacking 100; Smoking in
SUPPORT FENICIES ON IC; WITH	WITH CAUTTON OFFICE	till strice
ATTENDANCE:	EE CLOUATURE	
EMPLOYEE NAME (print) EMPLOY William & Weight Library	EE SIGNATURE	OBNE BORRO
Jim HARA'S S Jun A	and S	HARA'SS DRAWAS
TONY FINAL	ASC	086
Nicolas Jenkins Micolas	· Denting	086
Alex Out	<u>a</u>	036
Enk Kenny		pr W
fraciff light		MALECICA
Cun Do A 7 Je 07		3/Cta
Dudrend Lande	A TINU	1.44.27
HINDING CAPIT	1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 /	CAMPILIA 1.Z.
	' '	
SURMI TED	TO WESTON OSNOV99	0 /6/5
SUBAL TED	TO WESTON OSNOV99	0 /6/5
SUBMI MED	TO WESTON OSNOV99	0 /6/5
SUBMI MED		9 /6/5
IF ADDITIONAL SPACE IS REQUIRED,		2 /6/5 Havorda
	DE Haradat 192	Warden Signature of Preparer
IF ADDITIONAL SPACE IS REQUIRED,	DE Haradat 192	Havorda
IF ADDITIONAL SPACE IS REQUIRED,	DE Haradat 192	SIGNATURE OF PREPARER
IF ADDITIONAL SPACE IS REQUIRED,	DE Haradat 192	Havorda

WORK FORECAST

Work Forecast for the day week: 04 NOV 89 Date: 03 NOV 89
Project Name: Solutia - Sauget Area / Project Location: Sauget / Cohokin
Company Name: O'Brien + Gere
1. List Work Items and Locations Scheduled for Next Day/Week:
· Continue soil gas survey and transects at Sites I. H. and L · Continue down gradient alluvial agusfer sampling N. of Judith Lane
· Continue down gradient alluvial aguifer sampling
· Continue magnetometer survey at Site I if trucks are moved
· Continue GW sampling at damaged wells
<u> </u>
Sven to lefeaton set 11/3/99 at 1812 hus
DEHarondme /DE Hande / OBNOV 99
If ADDITONAL SPACE IS REQUIRED, Name/Signature/Date of Preparer

If Additional space is required, record on reverse side

DAILY WORK LOG

		DATE 11/3/99
PROJECT NAME Drad beck-Sa	ug Avea I PROJECT LOCATION	Souget/Cohotia, III.
	PRECIPITATION home	
NUMBER OF HOURS WORKED	NUMBER OF EMPLOYE	ES
ITEMS WORKED ON (ITEM NO., DESCRIPTIONS RECEIVED FROM S INSTRUCTIONS RECEIVED FROM S	SOLUTIA	
4. DEVIATIONS 5. VISITORS (NAMES & TITLES) 6. EQUIPMENT		
7. LUNCH MEETING COMMENTS:8. UNUSUAL EVENTS (FIRE, FLOOD, \$9. REMARKS:	STORM, LABOR DISPUTES, ETC.)	
	h bass from Borrow P.t.	
a. none		
3, norv		
4. nory		
5.novo		
4. seine		
7 11014		
8. Mone		
gnow		
gwen to westers 11/2	0/44 15:52	
IF ADDITIONAL SPACE IS REQUIRE RECORD ON REVERSE SIDE	ED, <u>Kathevial Fogo</u> PRINTED NAME / SIGN	

SAFETY MEETING FORM

A 4		DATE 4/3/99	
CONDUCTED BY / COMPANY : Menzie - Cuna		 _	
PROJECT NAME Dead Creek/Souget Ave	PROJECT LOCATION	ON <u>Sauget/Cahoki</u>	a, III
WEATHER PRECI	PITATION <u>nor</u>	TEMPERATURI	30-40
NUMBER OF HOURS WORKED	NUMBER OF EMPL	OYEES 3	
SCHEDULED WORK: REFERENCES TO APPROPRIATE SECTION (HEALTH AND SAFETY ISSUES WITH SCHED SPECIFIC HEALTH AND SAFETY ISSUES RE COMMENTS:	ULED WORK:		
1. Collection of fish from the Bor	YOW P.t.		
2. Ecological Risk Assessment QAD	P Section 4.7', e10	logical YSY assessmens	HAST
3 Practice Boat Safety-wear life Audid slip trip fall harands Audid contact with contact Audid biological hazards, fish sp	ninated sedimen	10	
	<u> </u>		
			
ATTENDANCE: EMPLOYEE NAME (print) EMPLOY	EE SIGNATURE	COMPANY	
Daya LEVIN	71	CMA	
Evil Louga Col		RFW	
This Dances	com	960	
KEN LAFFERENCY (CO	LA TOP	MAVERICIE	
Given there "/3	199 0735 14		
IF ADDITIONAL SPACE IS REQUIRED, RECORD ON REVERSE SIDE	KOULDEVING FOOD PRINTED NAM	ste / Kouheuriat E/SIGNATURE OF PREPA	out
	11/3/	99	
	1 /	DATE	

WORK FORECAST

Work Forecast for the day/week:	11/3/99	Date	: <u>11/3/99</u>
Project Name: Dond Gert / Sau	, ,	Project Location:	augot/Cahoka, III
Company Name: Menzie - Cu	•		
1. List Work Items and Locations Collect one lange ma		_	A7
· · · · · · · · · · · · · · · · · · ·			
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	-		
ainen to we	25th 143/8	9 5735 Ker	
	•		

If ADDITONAL SPACE IS REQUIRED, RECORD ON REVERSE SIDE

Kashevine Foogsts/Kothwist O Josef/11/3/

DEVIATION LOG

DIVIDUAL REQUESTING DEVIATION / COMPANY: Katherine Front DATE 11/3/99
DIVIDUAL REQUESTING DEVIATION / COMPANY: Katherine Enganty DATE 11/3/99 Menning-Cons & Association, Time.
HEALTH & SAFETY APPROVAL REQUIRED: YES: NO:
PROJECT NAME Dond Creek, Sought Aven I PROJECT LOCATION Sought Cabokia, Ill
WEATHER PRECIPITATION TEMPERATURE
NUMBER OF HOURS WORKED NUMBER OF EMPLOYEES
1. CONTRACT ITEM BEING WORKED ON: 2. ITEM BEING DEVIATED (REF. APPROP. SEC. OF FSP/HASP): 3. REASON FOR DEVIATION: 4. DEVIATION OR FIELD CHANGE TO BE IMPLEMENTED: 5. EQUIPMENT: 6. DEVELOPMENTS WHICH MIGHT LEAD TO ISSUANCES OF A CHANGE ORDER OR BE THE BASIS OF A CLAIM (EQUIPMENT: TIME: MANPOWER: ETC.): 7. REMARKS: 1. Ecological Risk Assessment of Dead Green a. Ecological Risk Assessment WAPP Section U.8
3. Crayfigh one not available in the Panour Pit.
H. Sminp will be substituted for crayfish. They are available.
5. seines
le nont
Fron
Given to weston 11/5/99 0730 PSF
Katherine Fogsty Katherine Abysit Kimberty Ferry Kenty "15/8" PRINTED NAME / SIGNATURE OF PREPARER DE PRINTED NAME / SIGNATURE OF SOLUTIA REPUBLIE 11/3/99
PRINTED NAME / SIGNATURE OF USEPA REP / DATE IF ADDITIONAL SPACE IS REQUIRED, RECORD ON REVERSE SIDE

Menzie-Cura & Associates, Inc. One Courthouse Lane Suite 2 Chelmsford, Massachusetts 01824 Telephone (978) 453-4300 Fax (978) 453-7260

MEMORANDUM

Date: November 3, 1999

File: 648B

To: Kimberly Perry, Solutia
From: Katherine Fogarty 1. Subject: Minor Changes to Ecological Risk

Assessment Workplan for Dead Creek

The workplan called for collection of one composite sample of benthic macroinvertebrates for tissue analysis from each creek section, the Borrow Pit, Site M, and the two reference areas. Large freshwater clams were abundant in the Borrow Pit and reference areas and were sampled there. Small snails were abundant in some of the creek sections and in the second creek reference area and were sampled there. Invertebrates large enough to provide mass for tissue analysis were not observed at creek sections E or For Site M.

Given to wester 1/5/99 0730 101

Nov 3

Mencie Cura will try to collect I more Bass from the Buran Pil they got it about work

also asked Salutia about the Deviation log for the crawlish gave it to me today

ORG

Soil Gas Sopling at site G + W

Unable to get m Mag Survey at site I

Contra AH.SW.SI

Danged existing wells EEG-103 + EEG-111

INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - MILITARY (ER 415-1-302)	THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR.		
	REPORT NO.	044	
PROJECT	DATE	04 November, 99	
Sclutia Sauget Area 1 Sauget, IL	CONTRACT NO.		
CONTRACTOR (Or hired labor)	WEATHER	Sunny, Temp. 60°F	
O'Brien Gere			

CQC Inspection phases attended and instruction given:

- 1) OBG conducting soil gas survey: sites I,H, and L
- 2) Alluvial Aquifer Groundwater Sampling: AA-SW-1 at 66 and 76 feet
- 3) Existing damaged wells: EE-02 & EE-13 sampled by using push type technology at 21 feet and 26 feet respectively

Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities.

1) Alluvial Aquifer sampling is taking a lot of time. The turbidity is not going below 5 NTU's as required in the FSP so purging continues for two hours at each interval before samples can be taken. This is the $4^{\rm th}$ day at the same location.

Verbal instruction given to contractor: (Include names, reactions and remarks)

1) None

Has anything developed on thee work, which might lead to a change order or $\underline{\text{NO}}$ YES finding of fact?

Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc.

- 1) No trucks were moved at site I so Mag. Survey could not be performed today.
- 2) Extending beyond the site boundaries for soil gas survey poses access issues with several sites --I (village of Sauget), H (Village of Sauget, Rogers Cartage), G (Queeny Rd. & Cerro Copper). OBG will get what they can and Solutia will work on getting access from the appropriate parties.

Information, instructions or actions taken not 1) None	c covered on	QCR report or disagree	ement:
SAFETY: (Include any infractions of approved some Government personnel. Specify corrective 1) None	safety plan, e action tak	safety manual or instr en.)	ructions
REMARKS: (Include visitors to project and misc	cellaneous re	emarks pertinent to wor	·k.)
INSPECTORS'S SIGNITURE	DATE	SUPERVISOR'S INITIALS	DATE
	11-04-99		

Issues at Sauget Area 1 November 4, 1999

- Menzie Cura on site Nov. 1st to collect fish only. Not enough were collected the first trip out (Borrow Pit, Reference areas 1 and 2) They Got all they needed this time, but still no word as to what they plan to do with the shrimp or muscles they took a month ago.
- Soil Gas Survey activities will begin Nov. 1st. There are issues with extending past the fill boundaries for access.

	North	South	East	West
Site H -	Queeny	Rogers Cartage	Village	o.k.
Site L -	o.k.	o.k.	o.k.	Dead Creek
Site I -	R.R.	o.k.	Village	old D.C.
Site N	o.k.	pipeline	o.k.	Dead Creek
Site G	Queeny	o.k.	Dead Creek	Weise

- OBG returned to do Mag. Survey on Site I but Cerro still not responding quick enough for trailer movement
- Water Sampling
 Existing Wells (damaged)
 Downgradient
- Piezometer installation at Site N

DAILY WORK LOG

DATE 04 NOV 99

PROJE	CT NAME _	Solutra-	Sange	+ Areal	PROJE	CT LOCATION	Same	et /Cahaki	1
WEATH	IER <u>Clea</u>	¥		PRECIPITA	TION 1	ine	TE	MPERATURE	~70°F
NUMBE	R OF HOU	RS WORKE	b <u>40</u>)	NUMBE	R OF EMPLOY	EES	5	
		D ON (ITEN			TA. TO STA	., FOREMAN)			
	TRUCTION VIATIONS	S RECEIVE	D FROM U	SEPA					
	ITORS (NA. UIPMENT	MES & TITL	ES)						
8. UNI	USUAL EVE	NG COMME NTS (FIRE,		TORM, LABO	R DISPUTE	S, ETC.)			
	MARKS:	<u></u>			-1				
<i>W</i> •	70:1 9a H (50:1	s survey 2 transactions gas trans	cects a	ole Rd Soil on Sikes) t Size G	and Site	mpling at 12 (6 H	SITE L	as availab	laid out le)
•	Magn	temater 5,7e I	surviy ?	unable k	perferm	Survey Si	nce truck	ks were no	t cleared
				_		02 . EE-1			
	Down	gradient a	lluvial as	guifer samp	ling: A	A-5W-51 -	[62-66 F	r) 4(72+70	6 FT
② 3	None None								
y)	None Joe Burn	oughs @ (Cerm Coppe	es .				······································	
<u>(6)</u>	Geo probe	Mg w/GC	SMIP /			Has eguip.	Suppo	g); magne; It vehiclos	bnekr;
7 /	Vore None						•		
<i>q</i> >	Exopolo to mid - las	ig u/ GC			of equip	ment break	- due t	o be repaire	d approx.
			UBMITTE)	DIO LESTO	N OYNO	199 E 17	55		
	ADDITIONA				DET fores d.	(9 e	<i></i>		

WORK FORECAST

Work Forecast for the day week: 05 NOV99 Date: 04 NOV99
Project Name: Solution - Sauget Area / Project Location: Sauget / Cahokin
Company Name: O' Brich + Gave
1. List Work Items and Locations Scheduled for Next Day/Week:
· Continue soil gas survey at Sites I, L, H, and G
· Continue down gradient alluvial aquifer sampling Noof Judith Lane
· Continue magnetometer survey at Site I if trucks are moved
- Continue GW sampling at damaged wells
SUBMITTED to WESTON OYNOVII @ 1745
N-16 model 1994 1 / de mi ca

If Additional space is required, record on reverse side

Name Signature/Date of Preparer

SAFETY MEETING FORM (Magnetometer survey)

CONDUCTED BY / COMPANY : DE Harrdink	10 Bre + Gere	DATE 04 NOV 99
PROJECT NAME Solution - Sauget Area 1		- Sik I
		_
WEATHER Mostly survey PRECIPI	ITATION None	TEMPERATURE ~50F
NUMBER OF HOURS WORKED	NUMBER OF EMPLOYE	ES
1. SCHEDULED WORK:		
2. REFERENCES TO APPROPRIATE SECTION OF THE SECTION		
4. SPECIFIC HEALTH AND SAFETY ISSUES REQ		
5. COMMENTS:		· · · · · · · · · · · · · · · · · · ·
1 Continue magniture ter grid lay	out and magnetomek	r survey on Site I.
(2) FSP # 5,4; HASP # 2,3		
3 Slips / trips /tells : muscle s	(H3/c	
	s when performing may	•
(5) At Cerro Copper: drive carefully traffice; sign in 4 out & secur drive carefully around field of	due to peace	strian, truck a fork lift
drive carefully around field of	THE ENHANCE; SMOKING	in vehicles only;
ATTENDANCE:	TE OLONATION	
EMPLOYEE NAME (print) EMPLOYE	ESIGNATURE	COMPANY ORG
Kenlasser 6.	IH	MANTERE E.
·		
SUBMITED TO W	ESTON OYNOV99 @	1645
	· · · · · · · · · · · · · · · · · · ·	
	λε./ · /	0.31.6
IF ADDITIONAL SPACE IS REQUIRED, RECORD ON REVERSE SIDE	1)F/ tawdmt	SIGNATURE OF PREPARER
NEGOTO OF THE POLICE OF		
:	04 10	
		DATE

SAFETY MEETING FORM

CONDUCTED BY (COMPANY .	[] Aubout []	•	DATE 04/00/89
CONDUCTED BY / COMPANY :_			-
PROJECT NAME Solu Ha - So			Siks I + L
WEATHER MOSTLY SHARY	PRECIPITA	TION None	TEMPERATURE -50F
NUMBER OF HOURS WORKED		NUMBER OF EMPLOYE	ES
1 SCHEDULED WORK:			
2. REFERENCES TO APPROPR 3. HEALTH AND SAFETY ISSUE			
4 SPECIFIC HEALTH AND SAF			
5. COMMENTS:	 		
1) Soil gos survey	e using MIP	for total VOCS	
(E) FSP # 5,2:			
Slips / trips / falls	muscle St	tein; hoise; ele	ctric shock; potential
impacted soil		, , , , , , , , , , , , , , , , , , , ,	
(9) PPE: level D	1-1/ Chan Soul NOSES	Last stains while he	the distance to the
(based on breath	ing Zone Madings	during wesk borines	& since this task is a "closel
system", lex	of C is not just	fred; mod D also not	dry drive lods to since this task is a "closely justified besed on previous day
5) Smaking in support waste tracking log	; done with co	witten on Ceno Copper	document appopriately on and acound field office
ATTENDANCE:			
EMPLOYEE NAME (print)	EMPLOYEE S	SIGNATURE	COMPANY
Ken CAFFERTY	12/1	4	MAVERKY
JOHN UPLEAST	Jelis	<u>(</u>	<u> </u>
		······································	
		· · · · · · · · · · · · · · · · · · ·	
	SUBMI PED TO	WESTON OYNWAG	0 1645
IF ADDITION		DE Have dink /	15 18 18
IF ADDITIONAL SPACE IS RE RECORD ON REVERSE			SIGNATURE OF PREPARER
		DY NOW	
			DATE

	SAFELYM	EETING FORM	٨
CONDUCTED BY / COMPANY : $\underline{\mathcal{U}}$	Down gradien	t alluvial aswifer sa	notos)) All amiles
a. a.	Deneged well	sampling	PATE 07/10011
CONDUCTED BY / COMPANY : #	Harring 7006		
			2 1 1 1 1 =
PROJECT NAME <u>Dolutes - D</u>	ruget Area	PROJECT LOCATION	SUSTGATE, Sites HeT
	•		,
WEATHER <u>mostly sunny</u>	PRECIPITAT	ION None	TEMPERATURE ~50°F
//			
NUMBER OF HOURS WORKED $_$		NUMBER OF EMPLOY	EES
1 SCHEDULED WORK:			
2. REFERENCES TO APPROPR	IATE SECTION OF FS	P & HASP:	
3. HEALTH AND SAFETY ISSUE	S WITH SCHEDULED	WORK:	
4. SPECIFIC HEALTH AND SAFE	TY ISSUES REQUIRI	NG ATTENTION:	
5. COMMENTS:			<u> </u>
			•
(1) Down are dient all	ivial conster sam	pling & damaged we	1 sampling
			,)
2) FSA # 5, 9.57:	HASP # 2,6	(generally applicab	le - not instelling wells)
		<u> </u>	
(3) Potential Contact	With VOCs. com	bushible doses . S	Olashing of water. electric
Shock muscle -	Street Slips/tra	est felle noise co	plasting of water, electric
•	• •	•	,
4) PPE is modified	level D with air	r monitoring in brea	thing zone using PID+CGM;
lespitator on hand it	" uporade to les	rel C is recessary	
	77		•.
5) Secretak wastes a	d day no + a por	avertel on laste	trucking lan . Smaking it
ex set salida	a domina	**	tracking loo; smoking in
- AUPPORT FENCIUS O	rise; area w	I'M CALIFTON OFOUND	till skill
			
	· · · · · · · · · · · · · · · · · · ·		····
ATTENDANCE:			
EMPLOYEE NAME (print)	EMPLOYEE SIG	GNATURE,	COMPANY .
William E. Wright	Wollson F.	west	OBuly & Sero
Tim HARRISS	1 Chankara	in-0	Homis andless
tony piny	100-191	41	036
Dan Lovert	- Con		J.P.5
Deak . Rhestll +76	Joh Stil	3.1.26	Cahoko P.D
Ben LAFFERYU	Int		MAUSCICE
		* 	
			
			
			
			
	115 21 77 7 7 1 1 7	774 / 4/1/ 24 0 1/	
	VIEW 10 LES	TON 04 NOV 89 C 16	95
		D	
IF ADDITIONAL SPACE IS RE	QUIRED.	DE Harredink /	E Blandalo
RECORD ON REVERSE			SIGNATURE OF PREPARER
		14 NOV	99
			<u>```</u>

E'STLOUISION/ISIOMADMINITIPSA/TLOG #70

SITE VISITOR LOG
Solutia Inc.
Sauget Area 1
(Please Print)

	Name	Organization	Phone #	Time In	Time Ou
11/14/46	tom Finest	0786		0645	1745
11111194	Katherin Forst	Menzie Cina	978-453-4300	0445	705
7444	Dave Haverdink		314395 3723	0653	1800
714-79	Decek Rubecotll	Capata Palze	618 3379505	0657	3.11.1
124-99	Usliam = Wnalt	036-	314-393-3722	000	1815
779	JUHU UPCRAFT	185	6.18 314 7,00	0700	1630
1111111 GG	DAN LOCATT	175	618,2447900	0700	1700
TIELISA	Kar Labet	HARRIS DEIZLOS		07/0	1730
11.4.99	Jim HARRISS	HARRISS DEILLING	618531-7180	0720	1.700
A 300	Erkk	REW		745	1730
114/11	Das Willia	o'Rion d Gerc	919/349-6340	235	1740
71-4-91	Colin Wollenkama	OB6		1640	1815
					1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
NAME OF					7.1
The state of the s					8.0
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I CORD					
Manual					1 4 5
克斯特科					E ÇI
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project in					
1					
VIX.					-1'
STATE OF THE STATE					1
神智					1
310 6					4
	<u></u>			L. 	

Sauget Site Investigation Waste Tracking Log

Date: 11/4/99

Date	Site	Activity	Waste Type	Qty	Container Type	Storage Location	Drum#	Initials
11/4/94	EE-02-GP EE-12-GP	puece puios	PLUIDS	329/	STOLKE THE	e JUDITH LANG	NA	AJP
1.17 .	M-54-51	AL-SW-31 PURCE PLUIDS	Fwios	50J1,	11		(1	um/
								1
. 4:								
				•				
1			•					

Notes:

Storage Tank Capacity: 4,900 Gallons

10						
		H Your	treks	£€.13	(Fr)	
		Soil Gas Suivery at I and H	Still no Mag Sweet on 5th I Cere has not nowed any trucks	Dueged Wells . EE.02, EE.13	AA-5W.51 (66 to 76 Get)	
		مايمييري دمن	no plag	Sed Wells	Sw.51	
hoov 4	0136) 8	Still	J. Sand	AA-	
Marco (e)						

The Mether than the out of the week are at 5. the Q the said to work and mention something to cere about

INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - MILITARY (ER 415-1-302)			
	REPORT NO.	045	
PROJECT	DATE	05 November, 99	
Solutia Sauget Area 1 Sauget, IL	CONTRACT NO.		
CONTRACTOR (Or hired labor)	WEATHER	Sunny, Temp. 65°F	
O'Brien Gere			

CQC Inspection phases attended and instruction given:

- 1; Soil gas survey: Sites L, H, and I.
- 2) Alluvial Aquifer Groundwater Sampling: sampled AA-SW-S1 at 86 an 95 feet
- 3) Existing damaged wells: EE-12(31 feet) & EE-14(35 feet) using push technology
- 4) Mag Survey: Site I, Should finish Mag Survey on Monday Nov. 8th

Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities.

1) Alluvial Aquifer sampling is taking a lot of time. The turbidity is not going below 5 NTU's as required in the FSP so purging continues for two hours at each interval before samples can be taken. This is the 5th day at the same location. OBG is down to 95 feet.

Verbal instruction given to contractor: (Include names, reactions and remarks)

1) None

Has anything developed on thee work, which might lead to a change order or \underline{NO} YES finding of fact?

Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc.

- 1) Extending beyond the site boundaries for soil gas survey poses access issues with several sites --I (village of Sauget), H (Village of Sauget, Rogers Cartage), G (Queeny Rd. & Cerro Copper). OBG will get what they can and Solutia will work on getting access from the appropriate parties.
- 2) Cerro Copper moved most of the remaining trailers for OBG, Mag Survey activities continue on site ${\bf I}$

Information, instructions or actions taken not	anyored or	OCP report or disagree	mont:
1) None	. covered on	You report or dragatee	ement:
-; done			
SAFETY: (Include any infractions of approved s From Government personnel. Specify corrective			uctions
1) None			
REMARKS: (Include visitors to project and misc	ellaneous re	emarks pertinent to wor	k.)
	T		
INSPECTORS'S SIGNITURE	DATE	SUPERVISOR'S INITIALS	DATE
Contle	11-05-99		
1			

KEVISED OF NOVE DEA

DAILY WORK LOG

DATE 11/5/99

PROJECT NAME Solution Super Arel PROJECT LOCATION SILET, L, H & SWOFG
WEATHER Suny Claus PRECIPITATION None TEMPERATURE 65°F
NUMBER OF HOURS WORKED NUMBER OF EMPLOYEES
1. ITEMS WORKED ON (ITEM NO DESCRIPTION, STA, TO STA, FOREMAN) 2. INSTRUCTIONS RECEIVED FROM USEPA 3. INSTRUCTIONS RECEIVED FROM USEPA 4. DEVIATIONS 5. VISITORS (NAMES & TITLES) 6. EQUIPMENT 7. LUNCH MEETING COMMENTS: 8. UNUSUAL EVENTS (FIRE, FLOOD, STORM, LABOR DISPUTES, ETC.) 9. REMARKS:
(1) Convoleted installation of Georges to collect 6W sayles Q Fill Aven Wells FIE-12, FE-14 & FE15. Developed and sayled FE-12 & FE-14. FE-15 mil he developed and sayled on 11/8/99
Completed five more lines of the Maj survey on Site I (33 pts) us area where trailers were mored. Will complete remain area on 11/6/99 pendy trick movement
Collected Dawn gradent Aquita Samples @ AA-SW-SI @ The BZ to Bb' & Al'to 95' Internal's Performed Soil ges sween transacts on Size L (4 points), Site H (3 pts), and Size I (3 pts)
(2) · Collect sample from EE-15 location to the most of tome Incation pending Como appoint. Cocco appoint Location on 11/5/99 locations. • Okay to Stop East Transact for Soil bus Sincy on Site L. Since we had only backgood ready & 9th Oton John hits @ 1/00 (2100) attached to keely's operations
3) None
a) None
3) Mike Matteen UCEPA RPM
@ Geopobe units (3), MIP unit, perittz pups, tibing, Magnetaneter
1) Nove
© None
2) None
IF ADDITIONAL SPACE IS REQUIRED, RECORD ON REVERSE SIDE PRINTED NAME / SIGNATURE OF PREPARER / DATE
Give to Western@ 1700 HRS on 11/5/99 and 11/10/99 0815 Top 19

	SAFETY	MEETING FORM		
CONDUCTED BY / COMPANY : 2	Soil gas Magne ton Have omk	survey) veto survey) /0'Brien + Gare	DATE <u>05 Nov 89</u>	
PROJECT NAME Solutia - Sa	•	PROJECT LOCATIO	Sits I, L, G, H	
WEATHER <u>Clear</u>	PRECIPITA	ATION NONE	TEMPERATURE	~90E
NUMBER OF HOURS WORKED _		NUMBER OF EMPLO	YEES	
1 SCHEDULED WORK:				
2. REFERENCES TO APPROPRI 3. HEALTH AND SAFETY ISSUE				
4. SPECIFIC HEALTH AND SAFE 5. COMMENTS:	TY ISSUES REQUI	RING ATTENTION:		
(1) Soil gas survey	using MIP	for total VOCs &	possible continuation	oF_
(E) (FSP # 5,2	HASP 42.2	yout and mac. surve	P# 5.4 : HASP = 2.3 for	mes
			lectric shock : potent	in I
contact / inhala to	on at impre	ked air; minima	potentral contact wi	th_
im packed soil PPE: /enel 1)		4-1-6		
based on breathing	ne Zone readings	during wask boring	: no steel toes for mag. ; t since this task is a	7 'C/200
system", len	•		ustified based on privious a	
(5) Smaking in support uses tracking log	chicles only:	segregate wastes an	es and around field o	4700
ATTENDANCE:				
EMPLOYEE NAME (print)	EMPLOYEE	SIGNATURE	COMPANY	
Alua C-K		a	036	
Kinderly Perry	1	The same of the sa	MANDRICK	
***************************************			·	
Coner to b	westen a	1700 HRs on	N/5/99	
IF ADDITIONAL SPACE IS RE	QUIRED	DE thousant /)	2 Hover And	
RECORD ON REVERSE			I SIGNATURE OF PREPARE	R
		05 NO	199	

DATE

SAFETY MEETING FORM

CONDUCTED BY / COMPANY : DE Have done	O'Brien + Gere DATE 05 Nov 29	-
PROJECT NAME Solutia - Sauget Area 1	PROJECT LOCATION SUOF GH.I.L. SAR I.S	aN
WEATHER Clear PRECIPITATI	ION 1000 TEMPERATURE 150	E
NUMBER OF HOURS WORKED	NUMBER OF EMPLOYEES	
SCHEDULED WORK: REFERENCES TO APPROPRIATE SECTION OF FS HEALTH AND SAFETY ISSUES WITH SCHEDULED SPECIFIC HEALTH AND SAFETY ISSUES REQUIRIT COMMENTS:	WORK:	
Drungradient alluvial aguster sam	pling, damaged well sampling, polection casings	<u> </u>
(2) FSA # 5, 9.51; HASP # 2.6	(generally applicable - not instelling wells)	
3) Potential contact with VOCs, com shock, muscle street, slips/try	bustible gases, Splashing of water, elections of file, noise	<u>\$</u>
(4) PPE is modified level D with air separate to lev	r monitoring in breathing zone using PID+6	CGM Lasing
	prinkly on wask tracking log; smoking is ith caution around field office	
ATTENDANCE: EMPLOYEE NAME (print) EMPLOYEE SIG	GNATURE COMPANY	
Par facet	1. P. 3	_
Circh Chuirfeit HARRIST Cit	HARRISS Drille	
Tom Buist	HARRISTOR III	1
Alam Onk De N	DR6	
Ken Larreport P. M.	Majerik	
Dill Whight Buffly	aft of	
Ever to Wester	ω 1700 Hes on 11/5/199	
		2 (1.2 °)
IF ADDITIONAL SPACE IS REQUIRED,	DE Haverdink De Hander	-
RECORD ON REVERSE SIDE	PRINTED NAME / SIGNATURE OF PREPARER	
	0510099	
	DATE	

WORK FORECAST

Work Forecast for the day week 11/8/99	Date: 11/5/99
	t Location:
Company Name: OBne & Gere Engin	ees
1. List Work Items and Locations Scheduled for Next Day/ • Continue Downgradut Allural Aquate of Site G, H, L	
• If Soil Gas not completed on 11/5/99 next neek	. Will need to finish
of truck trailer by Cerro	I perding movement
Begin Collection of Soil simples of thru 7 (Mid-neek likely start time	along creek traces
Surveyor continue work ting in	pants fun
Given to wester @ 17001	ths on 11/5/99
M	v/100/1/1/

If ADDITONAL SPACE IS REQUIRED, RECORD ON REVERSE SIDE

WORK FORECAST

Work Forecast for the day/week: 11899 Date: 11/5/99
Project Name: Solutia Sayet Areal Project Location:
Company Name: & Gere
1. List Work Items and Locations Scheduled for Next Day/Week:
Develop, surge of collect sample from geoprobe location near former Fill Area well EE-15. Also collect Deplicate @ this location.
· Complete Soil Gas Survey on Transacts as SiteG
© AA-SW-S1. Morang on to AA-SW-SZ South of S1.
· Contact layre to see when they are available to complete muste bong. @ Site N
to complete test trenchy @ Site Ni
Prepare for Underslaged transcet soil scaply. Coordinal Scaple Continent, etc.
buen to Weston @ 1700 HAS on 11/5/99
If ADDITONAL SPACE IS REQUIRED, Name/Signature/Date of Freparer Name/Signature/Date of Freparer

No 5 Collected sample from danaged wells Confletel a large amount of sile AA-SW-SI from 86 - 95 feet Congleted Sil Gas Sivey on Site L

INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - MILITARY (ER 415-1-302)	THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR.		
	REPORT NO.	046	
PROJECT Solutia Sauget Area 1 Sauget, IL	DATE	08 November, 99	
	CONTRACT NO.		
CONTRACTOR (Or hired labor) O'Brien Gere	WEATHER	Sunny, Temp. 80°F	

CQC Inspection phases attended and instruction given:

- 1) Collected water sample at damaged well location EE-15 by using the Geo-Probe unit and pushing rods to 27 feet purged the area then collected the sample.
- 2) OBG encountered bedrock at 104 feet on AA-SW-S1, sampled the final interval also split with Weston at this location
- 3) OBG was able to finish the Mag. Survey at site I

Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities.

1) Alluvial Aquifer sampling is taking a lot of time. The turbidity is not going below 5 NTU's as required in the FSP so purging continues for two hours at each interval before samples can be taken.

Verbal instruction given to contractor: (Include names, reactions and remarks)

1) None

Has anything developed on thee work, which might lead to a change order or NO YES finding of fact?

Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc.

1) Extending beyond the site boundaries for soil gas survey poses access issues with several sites --I (village of Sauget), H (Village of Sauget, Rogers Cartage), G (Queeny Rd. & Cerro Copper). OBG will get what they can and Solutia will work on getting access from the appropriate parties.

Information, instructions or actions taken not	covered on	QCR report or disagre	ement:
1) None			
SAFETY: (Include any infractions of approved safety plan, safety manual or instructions From Government personnel. Specify corrective action taken.)			
1) None			
REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work.)			
INSPECTORS'S SIGNITURE	DATE	SUPERVISOR'S INITIALS	DATE
	11-08-99		
•			

DAILY WORK LOG

			DATE 11/8/99	
PROJECT NAME Solution Sale	get Avenl	PROJECT LOCATION		
WEATHER Sny	_ PRECIPITATION	on <u>None</u>	TEMPERATURE	80°F
NUMBER OF HOURS WORKED	45	NUMBER OF EMPLOYEES	5	
1. ITEMS WORKED ON (ITEM NO 2. INSTRUCTIONS RECEIVED FRO 3. INSTRUCTIONS RECEIVED FRO 4. DEVIATIONS 5. VISITORS (NAMES & TITLES) 6. EQUIPMENT 7. LUNCH MEETING COMMENTS: 8. UNUSUAL EVENTS (FIRE, FLOO) 9. REMARKS: D. Campbell The Sample (EE-15-GP), A	M SOLUTIA M USEPA	DISPUTES ETC.)	ant for EE	-15 fr
Weston @ this Collected a Sample for @ AA-SW-31 encontain bedoe Puphate and a Finited May Surey	location andown gr Tale was in Q 104' split w	termited as Also collect A Nester a Mis	the interest of F 15 MSD & F 10 CST on	101-104 due to
2) None				
3) None				
1) None				
5) Joe Borreys @ (6	emo on	May Sover		
6 Geopope, penhit	pumps, tubin	y, Magnetineter	sport weiner	25
DNove				
5) None				
Completing of Soil	IPS availe		ed until To	es 199
	- to westo	- W 11/8/99	ω 18 3 0	
IF ADDITIONAL SPACE IS REQUI		PRINTED NAME / SIGNATI	URE OF PREPARER	18/99 DATE

WORK FORECAST

Work Forecast for the day/week: 11999 Date: 118/99
Project Name: Solutu Sayet Area Project Location:
Company Name: O'Bree 2 Gere
1. List Work Items and Locations Scheduled for Next Day/Week:
(AA-SW-S2) agusta suply SW of Site G
· Soil Gas Sunex to South Amount Site I and South of Wast travets on Site G
· Surcystie in point
•
One to wester @ 1830 on 11/8/99
If ADDITONAL SPACE IS REQUIRED, RECORD ON REVERSE SIDE Name/Signature/Date of Preparer

SAFETY MEETING FORM (Lown gradient alluvial aguifer sampling)

Dames of well sampling)

CONDUCTED BY I COMPANY: DE Haverdink O'Brien & Gere PROJECT NAME Solutia - Soluget Area / PROJECT LOCATION SW of GH 1.2 WEATHER __C/ear PRECIPITATION None TEMPERATURE ~60% NUMBER OF HOURS WORKED _ -NUMBER OF EMPLOYEES 1 SCHEDULED WORK: REFERENCES TO APPROPRIATE SECTION OF FSP & HASP: 3. HEALTH AND SAFETY ISSUES WITH SCHEDULED WORK: SPECIFIC HEALTH AND SAFETY ISSUES REQUIRING ATTENTION: COMMENTS: Down gradient alluvial aguster sampling behind Moto Mort: possibly sampling of EE-156f (generally applicable - not instelling wells contact with VOCs, combustible goses, Splashing of water, electric muscle strain, slips/ trips/ fells, noise, irritant plants is modified level D with air monitoring in breathing zone usine Secregate wastes and document appropriately on work tracking log: support rehicles only: drive with caution around field office ATTENDANCE: EMPLOYEE, NAME (print) EMPLOYEE SIGNATURE 1830 00

IF ADDITIONAL SPACE IS REQUIRED, RECORD ON REVERSE SIDE

DE Haverdonk JOE House OF PREPARER
PRINTED NAME / SIGNATURE OF PREPARER

08 Nov 99

DATE

SAFETY MEETING FORM (Magnetometer survey)

CONDUCTED BY / COMPANY : DE Haver dink	O'Bren core	DATE ON/VOV (1
PROJECT NAME Solution - Souget Area 1	PROJECT LOCATION	Site I
WEATHER PRECIPITATIO	ON None	TEMPERATURE - 70F
NUMBER OF HOURS WORKED	NUMBER OF EMPLOYEES	
1 SCHEDULED WORK: 2 REFERENCES TO APPROPRIATE SECTION OF FSP 3 HEALTH AND SAFETY ISSUES WITH SCHEDULED V 4 SPECIFIC HEALTH AND SAFETY ISSUES REQUIRIN 5 COMMENTS: (D) Continue magnitumeter grid layout (2) FSP * S, 4 ; HASP * Z, 3 (3) Slips / trips / fells ; muscle strain (4) PPE is level D (no steel toes w (5) At Cerro Copper: drive carefully at traffix; sign in & out & security drive carefully around field office	NORK: IG ATTENTION: and magnetometer Non performing magneto	to meter readings)
ATTENDANCE: EMPLOYEE NAME (print) EMPLOYEE SIG CALA ARCLENKIATO Alan Cax Misolas Jenkins Kanden y Penra	holy	COMPANY OBS OBS OBS OBS OBS OBS OBS OB
One to Wester @	PRINTED NAME / SIGN	ATE

SITE VISITOR LOG Solutia Inc. Sauget Area 1 (Please Print)

Date	Name	Organization	Phone #	Time In	Time Out
11/8/90		50/0Ha	3146747402	0630	1700
11899	GNAY BILLIER	CAHOKIA POLICE DEPARTMENT	618-337-406E	0645	160
11-8-98	Par Contt	I.0.5	10K-244.2900		
11-8 99	Dane Hamerdink	OBG	314 280 6435		1830
11/1	Fyck	RFW	9220286	axes)	1630
4/8	Kentracery	MONTERIEN		0740	
11/8	Rill Wright 0	UBA	39763	5702	1830
11-x-54	Alan Cak	9136	842-4550	0130	1830
11-6-99	Alan Cak	0136	842-4550	1020	1830
11-6-57	N. Soukins	08 <i>6</i>	842 - 4550	1110	1830
				 	}
					
					
ad C					
				 	
7.74					
					
				 	
711					1

A STATE OF THE STA

SITE VISITOR LOG

Solutia Inc. Sauget Area 1 (Please Print)

Date	Name	Organization	Phone #	Time In	Time Out
11/8/99	William E. Wright	0B6	-314-280-6434	0836	1600
11/8/19	Dan Lorrett	IPS	618-244-7900		1600
11/8/99	GARY BREWER	CAIRDEA PULICE DEDRAMENT	618-337-406.5	CE360	1600
11899	Winderly Perm	Silita	3171-674-2402	01155	1204
11-8-99	E. Kenper	RF Libster	922.0286	1:25	2:50
11/9/19	Lenh AFFERTY	Margerer		1405	1430 151
11-8 68	Enkloyer	RF Closer		310°	3:15
	0				
			`		
				L	
)	

AA-SW-SI (101 16 104)

INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - MILITARY (ER 415-1-302)	THE OCR WI	VILL BE ATTACHED TO OR FILED WITH THE QAR.		
	REPORT NO.	047		
PROJECT	DATE	09 November, 99		
Solutia Sauget Area 1 Sauget, IL	CONTRACT NO.			
CONTRACTOR (Or hired labor)	WEATHER	Sunny, Temp. 80°F		
O'Brien Gere				

CQC Inspection phases attended and instruction given:

- 1) Soil Gas Survey has been completed at all areas except where transects continue off the property for which Solutia has access agreement.
- 2) OBG collected water samples on AA-SW-S2(14 to 16), (22 to 26), and (32 to 36) ft.

Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities.

1) Alluvial Aquifer sampling is taking a lot of time. The turbidity is not going below 5 NTU's as required in the FSP so purging continues for two hours at each interval before samples can be taken.

Verbal instruction given to contractor: (Include names, reactions and remarks)

1) None

Has anything developed on the work, which might lead to a change order or $\underline{\text{NO}}$ YES finding of fact?

Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc.

- 1) Extending beyond the site boundaries for soil gas survey poses access issues with several sites --I (village of Sauget), H (Village of Sauget, Rogers Cartage), G (Queeny Rd. & Cerro Copper). OBG will get what they can and Solutia will work on getting access from the appropriate parties.
- 2) Access to the Hankins property (AA-GHL-S1, S2, S3) has become a problem, the owner doesn't want anyone on her land.

Information, instructions or actions taken not covered on QCR report or disagreement: 1) None				
SAFETY: (Include any infractions of approved s From Government personnel. Specify corrective			ructions	
1) None				
REMARKS: (Include visitors to project and misc	ellaneous re	emarks pertinent to wor	ck.)	
Weekly Progress Report with Michael McAteer	and Tim Go	uger (see attached)		
INSPECTORS'S SIGNITURE	DATE	SUPERVISOR'S INITIALS	DATE	
	11-09-99			
		h::::		

Issues at Sauget Area 1 November 9, 1999

- Soil Gas collection continues
- Finished Mag Survey at Site I
- Downgradient Alluvial Aquifer going slowly
- Menzie Cura explanation for shrimp vs. Crawfish (see attached)

DEVIATION LOG

DIVIDUAL REQUESTING DEVIATION / COMPANY: Katherine Figure Date 11/3/99
Menzie-Cons & Associates, Inc.
HEALTH & SAFETY APPROVAL REQUIRED: YES: NO:
PROJECT NAME Dood Creek, Sauget Avea I PROJECT LOCATION Sauget/Cahokia, Ill
WEATHER PRECIPITATION TEMPERATURE
NUMBER OF HOURS WORKED NUMBER OF EMPLOYEES
1. CONTRACT ITEM BEING WORKED ON:
2. ITEM BEING DEVIATED (REF. APPROP. SEC. OF FSP/HASP); 3. REASON FOR DEVIATION;
4. DEVIATION OR FIELD CHANGE TO BE IMPLEMENTED:
5. EQUIPMENT: 6. DEVELOPMENTS WHICH MIGHT LEAD TO ISSUANCES OF A CHANGE ORDER OR BE THE BASIS OF A CLAIM
(EQUIPMENT: TIME: MANPOWER: ETC.):
7. REMARKS:
1. Ecological Rish Assessment of Dead hech
a. Ecological Risk Assessment WAPP Section 4,8
3. Crayfish one not available in the Barrow Pit.
4. Shrimp will be substituted for crayfish They are available.
5. seines
in none
7 none
Given to weston 11/5/99 0730 PM
Defent to recision with the control of the
William I De IVENIA Wales
Katherine togarty Catherin at Toysy Jam Den y tem / Elefy 1778
PRINTED NAME / SIGNATURE OF PREPARER ()) PRINTED NAME SIGNATURE OF SOLUTIA REPLEMATE
11/3/99
/ / DATE PRINTED NAME / SIGNATURE OF USEPA REP / DATE IF ADDITIONAL SPACE IS REQUIRED,
RECORD ON REVERSE SIDE

PREPARATORY INSPECTION MEETING

Conducted by/Company: Alan Cork / 018	Briend Gere Date: 11/9/99
Project Name: Soluti G. Inc Sayet Area	Task: Undereland Aren Syrtace & Subsuction
	Sampling - Section 5.17 FSP
1. Scheduled Work:	· · ·
2. Equipment, Procedures, Personnel:	
3. Ref. To App. Sec. of FSP/HASP:	
4. Issues that could arise and how to resolve:	
5. Solutia comments:	
6. EPA comments: (0.5FT)	
	running from Dead creek to Rt3
	Spring Road Collect Dixin
	-cx in Surface & Subsurface Soils
2) Stampers Steel tould spans, Soi	1/1
Possibly use Geoprobe if hund qu	Land aight, Sample Continues
	to 2.8 - Mod Level D
9 1 31 2 2 4 1 1 1 1 1 1 2 2	CHO? Z.D MOR LALL
(4) Collection of @ Depth Sam	10 1/2 1 0 000 11:11 0
assist Consider the afficient same	les u/ hand aver prohibitue Rig for treve.
may consider use of beopobo	Rig Im Ideke.
5) Note Bured Area along Than	scet #2, Make sue ne can sample
	any buried vesetulion in sample.
Subsuffue Soil Samples ut be	composites from the 3'to 6' internal.
6) Clarify disconnect w/ section 5,17.2	\$ 5.17.5 See Clar fraten Log
for 11/10/99	
ATTENDANCE:	
EMPLOYEE NAME (print) EMPLOYE	EE SIGNATURE COMPANY
Kinberly Pens Mahr	May Solitia
Ven Lagroery	Mel. NOVERICK.
Col: 1 JAPLICAN PARP 1: 9	Tellata ORG
David Havesdink Junie	Howald OBG
Eil Konne	REULL
Not level in 1 1 block	IM DRL
The state of the s	
Overto Western (D 1820 on 11/10/09
	AL CKINDOM
IF ADDITONAL SPACE IS REQUIRED,	Han Cont / All
RECORD ON REVERSE SIDE	PRINTED NAME SIGNATURE OF PREPAREI
	· Mark

DAILY WORK LOG

DATE 09 NOV 99

PRINTED NAME / SIGNATURE OF PREPARER / DATE

09 NW 99

PROJECT NAME Solutia - Sunget Areal PROJECT LOCATION SW & GHIL 5,25 I+G TEMPERATURE ~80°F WEATHER Clay + winds PRECIPITATION None NUMBER OF EMPLOYEES 4 ITEMS WORKED ON (ITEM NO., DESCRIPTION, STA. TO STA., FOREMAN) INSTRUCTIONS RECEIVED FROM SOLUTIA INSTRUCTIONS RECEIVED FROM USEPA DEVIATIONS **VISITORS (NAMES & TITLES)** EQUIPMENT **LUNCH MEETING COMMENTS:** UNUSUAL EVENTS (FIRE, FLOOD, STORM, LABOR DISPUTES, ETC.) REMARKS: soil gas survey transects 6 pts) - Soil gas survey completed in all areas where access was granded GLI Sumples AA-SW-SZ- (14-16FT) (22-26 FT) + /32-36 FT Surveyor performed GPS survey of sample of previously accomplished Experienced problems with Hanking property access. OBG was lafterly not to access the property until further notice is given Nork 1'one attende VISITORS log GC a MIP : Geoprobe rights GLI sampling; support vehicles : monitoring equip. I sampling equip: Non Dubmitted to Weston 11-9-49 @ 1800 E Haverdink IF ADDITIONAL SPACE IS REQUIRED.

RECORD ON REVERSE SIDE

WORK FORECAST

Work Forecast for the day week:	11/10/99	Date: 11/9/99
Project Name: Solutia Saye	et Ace 1 Project 1	Location:
Company Name:	e ? Gee	
1. List Work Items and Locations S Continue Down gu AA-SW-SZ AA-SW-SZ	adject Alluvi Also will Sta	leck: al Aguisen Samples ant second geoprobe
· Hold Reporting Inspe Transect Supl	ing For Uni	dereliped Soil
· Begin Undereliged	Soil Transèc	+ Sampling
Give to W	etan @ 1800	on 11/9/99
If ADDITONAL SPACE IS REQUIRED,	Alan I Cul	ACS K 11/Q/qu nature/Date of Freparer

RECORD ON REVERSE SIDE

SAFETY MEETING FORM
(Down gradient alluvial aguific sampling) DATE 09 NOVR9
CONDUCTED BY / COMPANY DE Haverdink / O'Brien +Gere
PROJECT NAME Solutia - Sauget Area / PROJECT LOCATION SW of GH. 1.L
WEATHER Clear PRECIPITATION Nove TEMPERATURE +55%
NUMBER OF HOURS WORKED NUMBER OF EMPLOYEES
1 SCHEDULED WORK: 2 REFERENCES TO APPROPRIATE SECTION OF FSP 3 HASP: 3 HEALTH AND SAFETY ISSUES WITH SCHEDULED WORK: 4 SPECIFIC HEALTH AND SAFETY ISSUES REQUIRING ATTENTION: 5. COMMENTS:
1 Downgradient alluvial aguster sampling
2) FSP # 5,9; HASP # 2.6 (generally applicable - not installing wells)
(3) Potential contact with VCCs, combustible gasse, Splashing of water electric shock, muscle strain, slips/ tips/ falls, noise, irritant plants
(4) PPE is modified level D with our moving in brenthing zone using PID+CO respirator on hand it upgrade to level C is necessary
5) Segregate wastes and clocument appropriately on waste tracking log; smoking in support vehicles only; drive with caution around field office
ATTENDANCE: EMPLOYEE NAME (print) EMPLOYEE SIGNATURE COMPANY
Ken LAFFE dus 12- RALDERCK
January 1ety Mahring Solitian Tos
Alan Cox Algen 036
Given to Wester @ 1600 on 11/9/99

IF ADDITIONAL SPACE IS REQUIRED.

RECORD ON REVERSE SIDE

DE Haverdink | DE Haver

09 NOV99 DATE SAFETY MEETING FORM

000000750 80// 00000000	יים נושב) אינה או שרו המר	•	DATE <u>09 1</u>	lov 99
CONDUCTED BY / COMPANY :_		•		_
PROJECT NAME _S/4 44 - S	laught Area /	PROJECT LOCATION	ON <u>Siks I + a</u>	5
WEATHER Clear	PRECIPITA	ATION None	TEMPERATU	IRE ~ <u>55%</u>
NUMBER OF HOURS WORKED		_ NUMBER OF EMPL	OYEES	
1 SCHEDULED WORK:				
2. REFERENCES TO APPROP3. HEALTH AND SAFETY ISSU				
4 SPECIFIC HEALTH AND SAI				
5 COMMENTS:				
1) Soil gas surve	y using MIP	for total vocs	- transects on I a	G
(2) FSP # 5.2;	HASP 42.2			
3 Slips/Hips/Fall	le : muer la sa	tonin . hoise .	also trice stack of	40 40 400
contact / in halas	timper	Red air minim	electric shock;	twith
Im packed soil			·	
9 PPE: level D	W chamical re	sistant aloves have	tline rods	
(based on breat	hing zone readings	during Wask borin	dling tods es + since this task bt justified based on p	is a closed
system, le	ett C is not just	itive de ; mod D AT	or just tied based on p	overious de, s
(5) Smaking in support	vehicles only;	segregate wastes a	and document appropriates	skel on
wask tracking log	; drive with a	aution or Conviccy	per and oround fi	eld office
ATTENDANCE				
ATTENDANCE: EMPLOYEE NAME (print)	EMPLOYEE :	SIGNATURE	COMPANY	
		//		
Alan Cank	(KSI)	7011	MANGEL	<u>K </u>
Kunbed 7 Per	Michi	41	0/4	बे
JOHN UPROAFT	3/14		IPS	
				
6,	un lo Wos	b = 6 (800	na 11/9/29	· ····································
		·-···		
IF ADDITIONAL SPACE IS R	REQUIRED	DE Havredink	1 DE Women	low
RECORD ON REVERSE	•	PRINTED NAM	ME / SIGNATURE OF PRE	PARER
		<i>_</i> 09	Nov 89	
			DATE	

SITE VISITOR LOG

Solutia Inc. Sauget Area 1 (Please Print)

Date	Name	Organization	Phone #	Time in	Time Out
11/9/49	14mber- Perm	Solita	314-674-5402	0635	1120
11/9/99	(A) Cu-IC	NBb	314-817-4550		1800.
1/9/91	Men Engrery	Morride		0700	
11-9699	Dave Haverding	OPG	314 280 6475	0700	1600
11/1/11	Prima Krina Basins	CHOKIA P. D.	337 9505	070C	1700
11-992	Day Court	I.P.5	618.244.7900	000	1640
11-9-99	Bob Jayushit	195 066	618 2.14 7900	<i>බ70</i> ට	1545
11-9-44	Bolo Jayusha	016	314 842 4170	7814	1100.
11-9-99	COLINI WALLENGAMO	ONC.	(3/4) 842-4550	0930	1530.
149.99	File Care	RF Western	(314) 324 <332	1020	
11-7-99	IVI HILL (STURE	261	C64-1900	1330	1335
11-9-99	fich senting	036	542 4550	10:30	1730
	0				

SITE VISITOR LOG
Solutia Inc.
Sauget Area 1
(Please Print)

> Date	Name	Organization	Phone #	Time in	Time Out
11/9	Prom. Larry Boneses	CAHOKIA PO	337-9505	0825	1830
1110	Bob Janushar Tammap Breeding	O'BNKW & bw ROBERTS	842 4550 476-7334	got	0914
11/9	Tomme Breeding	ROBERTS	476-7334	10:30	1037
77/0	, , , , , , , , , , , , , , , , , , ,				
					1
14-1-1					
					1
March St.					1
saldin Fr					
4					
1					
, ,					
					1
indretif in				1	
	N .				
Marin 1					

Now 9

Perbiad soil gas surren

I - North + South, West on I not accorable

East of I is off the property Solution
is acording on necessis

G- West & South North Me Into Querry East is Duced Creek

Gound Water AA-SW-SQ (14-16), (24-26), (34-36)

Proprity access issue has developed at thanking frogerty.
Solution is working on it

Prep Meeting for Underelped Soil Sangling

Surface Soughes will be taken @ 0 to 5 ft. Sub Surface Soughes will be taken @ 3 to 6 ft

a small grass fire occurred at Transact #2

INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - MILITARY (ER 415-1-302)	THE OCR WI	ILL BE ATTACHED TO OR FILED WITH THE QAR.		
	REPORT NO.	048		
PROJECT	DATE	10 November, 99		
Solutia Sauget Area 1 Sauget, IL	CONTRACT NO.			
	WEATHER	Sunny, Temp. 75°F		
O'Brien Gere				

CQC Inspection phases attended and instruction given:

- 1) Undeveloped soil sampling at Transect 1 completed UAS-T1-S1 and S2
- 2) OBG collected water samples on AA-SW-S2(42 to 46), (52 to 56), and (62 to 66) ft. also at location AA-SW-S3(14 to 16) and (22 to 26)
- 3) A preparatory inspection meeting was held for Undeveloped Soil Sampling(FSP Section 5-17) and a clarification was issued stating that the subsurface sample would be taken from 3 to 6 feet instead of 0 to 6 feet as stated in the FSP. (see attached)

Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities.

1) Alluvial Aquifer sampling is taking a lot of time. The turbidity is not going below 5 NTU's as required in the FSP so purging continues for two hours at each interval before samples can be taken.

Verbal instruction given to contractor: (Include names, reactions and remarks)

1) None

Has anything developed on the work, which might lead to a change order or $\underline{\text{NO}}$ YES finding of fact?

Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc.

- 1) Extending beyond the site boundaries for soil gas survey poses access issues with several sites --I (village of Sauget), H (Village of Sauget, Rogers Cartage), G (Queeny Rd. & Cerro Copper). OBG will get what they can and Solutia will work on getting access from the appropriate parties.
- 2) Access to the Hankins property (AA-GHL-S1, S2, S3) has become a problem, the owner doesn't want anyone on her land.

Information, instructions or actions taken not	t covered on	QCR report or disagree	ement:
SAFETY: (Include any infractions of approved s From Government personnel. Specify corrective			ructions
1) None			
REMARKS: (Include visitors to project and misc	cellaneous r	emarks pertinent to wor	rk.)
	.		
INSPECTORS'S SIGNITURE	DATE	SUPERVISOR'S INITIALS	DATE
	11-10-99		

CLARIFICATION LOG

INDIVIDUAL REQUESTING CLARIFICATION / COMPANY: Alan Coll / O'Brient Gere DATE 11/10/99
HEALTH & SAFETY APPROVAL REQUIRED: YES: NO:
PROJECT NAME Solution Suget Accil PROJECT LOCATION Underlayed Area Sail Transec
WEATHER
NUMBER OF HOURS WORKED NUMBER OF EMPLOYEES
1. CONTRACT ITEM BEING WORKED ON: 2. ITEM BEING CLARIFIED (REF. APPROP. SEC. OF FSP/HASP): 3. REASON FOR CLARIFICATION: 4. CLARIFICATION TO BE IMPLEMENTED: 5. EQUIPMENT: 6. DEVELOPMENTS WHICH MIGHT LEAD TO ISSUANCES OF A CHANGE ORDER OR BE THE BASIS OF A CLAIM (EQUIPMENT TIME: MANPOWER ETC.): 7. REMARKS: (D. Undereliged Area Soil Than creats Surface (Stomface Soil Scaping) (2) PSP Section 5.17.2 States Subsurface internal being scapled is 0.5 to 6 FT F3P Section 5.17.5 States Subsurface internal being scapled is 3 to 6 FT (B) Section 5.17.5 States Subsurface internal being scapled is 3 to 6 FT (C) Section 5.17.5 will be implemeded by VOC Encores will be collected and though internal manual particles on each collected internal internal manual particles on each collected internal internal manual particles on each collected internal matural
5) No New Egypet Regued
6 None
D None
One 10 Weston @ 1830 on 11/10/99
PRINTED NAME / SIGNATURE OF PREPARER Control Contro
DATE PRINTED NAME / SIGNATURE OF USEPA REP I DATE IF A DOLLIONAL SPACE IS REQUIRED.

DAILY WORK LOG

PROJECT NAME Solvic Suget Acal PROJECT LOCATION WEATHER Clear Works PRECIPITATION Nomber of EMPLOYEES 1. ITEMS WORKED ON (ITEM NO. DESCRIPTION, STA. TO STA. FOREMAN) 2. INSTRUCTIONS RECEIVED FROM SOLUTIA 3. INSTRUCTIONS RECEIVED FROM USEPA 4. DEVIATIONS 5. VISITORS (NAMES & TITLES) 6. EQUIPMENT 7. LUNCH MEETING COMMENTS: 8. UNUSUAL EVENTS (FIRE, FLOOD, STORM, LABOR DISPUTES, ETC.) 9. REMARKS: (1) Complete Sampling for Transact 1 (2) UAS-T1-S1-O.5 FT
NUMBER OF HOURS WORKED 47 NUMBER OF EMPLOYEES 5 1. ITEMS WORKED ON (ITEM NO DESCRIPTION, STA. TO STA., FOREMAN) 2. INSTRUCTIONS RECEIVED FROM SOLUTIA 3. INSTRUCTIONS RECEIVED FROM USEPA 4. DEVIATIONS 5. VISITORS (NAMES & TITLES) 6. EQUIPMENT 7. LUNCH MEETING COMMENTS: 8. UNUSUAL EVENTS (FIRE, FLOOD, STORM, LABOR DISPUTES, ETC.) 9. REMARKS:
1. ITEMS WORKED ON (ITEM NO DESCRIPTION, STA. TO STA. FOREMAN) 2. INSTRUCTIONS RECEIVED FROM SOLUTIA 3. INSTRUCTIONS RECEIVED FROM USEPA 4. DEVIATIONS 5. VISITORS (NAMES & TITLES) 6. EQUIPMENT 7. LUNCH MEETING COMMENTS: 8. UNUSUAL EVENTS (FIRE, FLOOD, STORM, LABOR DISPUTES, ETC.) 9. REMARKS:
2. INSTRUCTIONS RECEIVED FROM SOLUTIA 3. INSTRUCTIONS RECEIVED FROM USEPA 4. DEVIATIONS 5. VISITORS (NAMES & TITLES) 6. EQUIPMENT 7. LUNCH MEETING COMMENTS: 8. UNUSUAL EVENTS (FIRE, FLOOD, STORM, LABOR DISPUTES, ETC.) 9. REMARKS:
6. EQUIPMENT 7. LUNCH MEETING COMMENTS: 8. UNUSUAL EVENTS (FIRE, FLOOD, STORM, LABOR DISPUTES, ETC.) 9. REMARKS:
7. LUNCH MEETING COMMENTS: 8. UNUSUAL EVENTS (FIRE, FLOOD, STORM, LABOR DISPUTES, ETC.) 9. REMARKS:
UAS-T1-S1-3-6FT
UAS- T1-S2-0.5 FT VAS- T1-S2-3-6 FT
Completed Samply For Dougnant Alliand Agrafes @ AA-SW-52-42-46FT
62-66 FT
AA-SW- S3- 14-16 FT 22-26 FT
(2) None
3 None
5) Non-e B) Geographic sump them hand given Stamps Steel bould soons
6 Goograbe perstatic sump them, hand auger, Stamless Steel bowl & spoons
5) None
8) None
9) May try collection of Undereloyed Aver Soilscriples w/ Beoprobe
Buento Weston @ 1620 on 11/10/199
JE ADDITIONAL SPACE IS BEQUIPED ALL SCOK IN DELLINAS

WORK FORECAST

Work Forecast for the day week: 11/11/99	Date: 11/10/99
Project Name: Soluha Suyet Acc Project Loca	tion:
Company Name: 6 Bren & Gere	· ,
1. List Work Items and Locations Scheduled for Next Day/Week:	
Contro w/ Downgrutt Alluvel A. @ AA-SW-SZ & AA-SW-S3	zu. Fa Saples
Contine of Underelyard Avea Soil transact (#1	Supply along
	
	-
Corver to Wester @ 1830 on 1	1/10/99

SAFETY MEETING FORM

CONDUCTED BY / COMPANY :A	$\sim 1/2$	NO 1600	DATE	0/99
		•	/	
PROJECT NAME Soluha Sa.				Da' runsects
WEATHER Partly Clardy	_ PRECIPITAT	ION None	TEMPERATI	JRE 60°F
NUMBER OF HOURS WORKED		NUMBER OF EMPL	OYEES	
1 SCHEDULED WORK:				
 REFERENCES TO APPROPRIAT HEALTH AND SAFETY ISSUES W 	WITH SCHEDULED	WORK:		
4. SPECIFIC HEALTH AND SAFETY 5. COMMENTS:	ISSUES REQUIR	NG ATTENTION:		
D Collection of Surface Seven designated T	ce & Subsurf innietz alra	ace Soil Sample	es along each he field	h of the
DF37 5.17 HASP 2.	ક			
	impacted surf	us & subsentus so	oils, splash, of a	teconnetas
muscle chain, slips/fi	7 - 1	•		
4) PPE Mod Leve D W Step toeshoes/boots & eve	anotech. U	gande to les	zone using PII	> RAM CGM
Respublic on-hand				
3) Segretule wastes and in spart vehilles or	document	approprietles o.	- waste track	log; snoky
in significant	- 17 , and	The Carrier Co	a de la alba	
ATTENDANCE				
ATTENDANCE: EMPLOYEE NAME (print)	EMPLOYEE SI	GNATURE	COMPANY	
liek Jent ms	The Key kin	4.	NF Words	
Kinseny Penny	liver 1	70	Solitia	
Her LUFFERTY	14.		MAVELICIC	
David Harrison	David 2	energy	- DAG	
Thoras the said				
	Evento l	Neston @ 1	820 on 11/10	tag
				•
			· 100 5/1	7
IF ADDITIONAL SPACE IS REQU		Alan J Car	1 Kylen	
RECORD ON REVERSE SIDE	E	PRINTED NAM	Elsignäture of Pre Lil ia l 99	PARER
	-		DATE	
				y*;*

SAFETY N	MEETING FORM	,
(Down gradie	nt alluvial aguific samp	10 11 00
CONDUCTED BY / COMPANY DE Havesdink	1 O'Brien & Gere	DATE <u>[0 /VaV Y 7 </u>
PROJECT NAME Solutia - Sauget Area 1	PROJECT LOCATION	SW of GHIL
WEATHER Portly Cloudy PRECIPITA	ATION None	TEMPERATURE ~ 60°F
NUMBER OF HOURS WORKED	NUMBER OF EMPLOYEES	5
1 SCHEDULED WORK:		
2. REFERENCES TO APPROPRIATE SECTION OF F 3. HEALTH AND SAFETY ISSUES WITH SCHEDULE		
4 SPECIFIC HEALTH AND SAFETY ISSUES REQUIR		
5. COMMENTS:		
1 Downgradient alluvial agrifer sa	mpling	
<u> </u>	(generally applicable	- act instelling in the
(3) Potential Contact with VOCs, co shock, muscle strain, slips/	in bustible gases, Splas	thing of water Rectice
• /		,
(4) FPE is modified level D with a lespirator on hand it upgrade to !	eval C is necessary	ing zone using FID+CG
5) Segregate wastes and document app support rehicles only; drive	with califor around f	Geld office SMOKING in
ATTENDANCE:		
EMPLOYEE NAME (print) EMPLOYEES	MATURE	COMPANY
Kinden y Perry Hall	Grand Control of the	566
William E. Wright hellismit	- Khielt	086
DAN lovert	J. B	T.P.S.
JOHN UPCRAFT		125
Over to west.	D 1830 OH	11/10/99
IF ADDITIONAL SPACE IS REQUIRED.	DE Haverdink DE	Havelock
RECORD ON REVERSE SIDE	PRINTED NAME / SIG	NATURE OF PREPARER
	10 1/2	,99

DATE

SITE VISITOR LOG

Solutia Inc. Sauget Area 1 (Please Print)

Date	Name	Organization	Phone #	Time in	Time Out
11/60/99	Combed - Den	Solutia	314-674-3402	0635	1700
11/10/99	A)an Cark	OBG Calubia Police Dopt	314-842-4550	0645	1900
1110199	Laurence A Phicall	Calubia Police Doot	CIP 337-9505	0654	1700
1-10-95	Day LOCKIT	7.8.5	1018-244-1900	0700	1700
11/16-91				07/0	7910
11-10-99	William E. Wright	0136	3/4-842-4550	0655	900
11-10-99	HOWN LARCASET	185	1018 244 7900	0700	1655
11-10-99	Kick Kongr Nicolas Jenkins	RF Wester	3.24 <338	855	500
		O'Brien & Hace	314 842 4550	9:30	1900
	Colin Wellencamp	O'Brien & Here	314 842 4550	10:25	630A
11-10-22	Dave Haverdink	OFG	74 280 6435	0700	1400
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	g v	AH-5W	7-52	142.46	1(52-56)(la.66)		
**-		AA-54	ر ۲۰۵	(.141-16)(22.26)		
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INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - MILITARY (ER 415-1-302)	THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR.		
	REPORT NO.	049	
PROJECT	DATE	11 November, 99	
Solutia Sauget Area 1 Sauget, IL	CONTRACT NO.		
	WEATHER	Sunny, Temp. 65°F	
O'Brien Gere			

CQC Inspection phases attended and instruction given:

- 1) Undeveloped soil sampling at Transect 1 completed UAS-T1-S3,S4,S5,S6,and S7
- 2) CBG collected water samples on AA-SW-S2(72 to 76), (82 to 86), and also at location AA-SW-S3(32 to 36) and (42 to 46)

Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities.

1) Alluvial Aquifer sampling is taking a lot of time. The turbidity is not going below 5 NTU's as required in the FSP so purging continues for two hours at each interval before samples can be taken.

Verbal instruction given to contractor: (Include names, reactions and remarks)

1) None

Has anything developed on the work, which might lead to a change order or \underline{NO} YES finding of fact?

Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc.

- 1) Extending beyond the site boundaries for soil gas survey poses access issues with several sites --I (village of Sauget), H (Village of Sauget, Rogers Cartage), G (Queeny Rd. & Cerro Copper). OBG will get what they can and Solutia will work on getting access from the appropriate parties.
- 2) Access to the Hankins property (AA-GHL-S1, S2, S3) has become a problem, the owner doesn't want anyone on her land. Solutia's remedy for this situation is to move all three sample points north about 100 feet to get off of her property. This action should not have an effect on the intent of this task.

Information, instructions or actions taken not	covered on	QCR report or disagre	eement:
1) None			
SAFETY: (Include any infractions of approved s From Government personnel. Specify corrective			cructions
1) None			
REMARKS: (Include visitors to project and misc	cellaneous re	emarks pertinent to wo	ork.)
·	Τ	T	
INSPECTORS'S SIGNITURE	DATE	SUPERVISOR'S INITIALS	DATE
	11-11-99		

DAILY WORK LOG

				DATE	
PROJECT NAME	Solutia Sayet	- Acr 1	PROJECT LOCATION		
WEATHER 4			N None	TEMPERATURE	65°F
NUMBER OF HOU	RS WORKED	06	NUMBER OF EMPLOY	EES	
2 INSTRUCTION 3 INSTRUCTION 4 DEVIATIONS 5 VISITORS (NA 6 EQUIPMENT 7 LUNCH MEETI	ED ON (ITEM NO DES IS RECEIVED FROM U IS RECEIVED FROM U MES & TITLES) ING COMMENTS: ENTS (FIRE, FLOOD, S	OLUTIA ISEPA			
9 REMARKS:		MONNI BABON I	7070163. 210.7		
() · Complete VAS- UAS- UAS- VAS- VAS-	ed Collection of \$1-53 0.5F 11-54 11-55 11-56	Samples I \$ 3-6 F1	Glong VAderelype Intrals Plus	I Am Soil Tin Deplicate & EB	unscit Hel
· Complete	SW-92-72-76	F sample &	Downgrad + Alle	en Agrice Lor	stone:
	-87-86 5W-53-32-36	FT	QUIP Blank		
· lelocated North	Domand + All	val Aquita	Suple loution Ruperty	west of 5.te 6	±100'
2) Keep of	+ of E Hak	- Popel	/		
3) None					
1) None					
5) None					
6) beopoles Stank	perchaltz Dun	es, Sport	Stanks Geel vehiles, & De	spanis bouls Hond	ayer,
D Nave					
8) None					
9) Nono.					
	L SPACE IS REQUIRE ON REVERSE SIDE	D	Alan Coll	NATURE OF PREPARE	///CG

WORK FORECAST

Work Forecast for the day week: 1/12/99 Date: 1/1/99
Project Name: Solutie Sayet Aeul Project Location:
Company Name: OBre & Gee
1. List Work Items and Locations Scheduled for Next Day/Week:
· Contine Down gradet Allural Agusta Serphy @ AA-SW-92 & AA-SW-S3
· Underelyed Aven Spil Transect #2
Guento Weston @ 1600 HRs on 11/11/99
NI QUILLO QUILLI

If ADDITONAL SPACE IS REQUIRED, RECORD ON REVERSE SIDE

WORK FORECAST

Work Forecast for the day week: 11/15/99 Date: 11/11/99
Project Name: Solutia Suyet Aeul Project Location:
Company Name: OBrie & Gee
1. List Work Items and Locations Scheduled for Next Day/Week:
· Contre Down Good + Allur Agula Suphy @
· Control Underlayed Acu Soil Transect Supply Q Transect # 3, #4, #5, #6, 
· Pending Contractor availability waste bongs @ Site N
Guen to Westen @ 1800 HRs on 11/11/99
•
AL ICV 1000 Q Lulular

If ADDITONAL SPACE IS REQUIRED, RECORD ON REVERSE SIDE

SAFETY MEETING FORM.

(Undeveloped creak transact soil sampling)
DATE

CONDUCTED BY / COMPANY :	E Howsdink / O'Arie	& Core	DAIL TOWNS
PROJECT NAME Soluta - S	auget Area / PRO	DIECT LOCATION	Tiansect 1
NEATHER Claudy, overcast	PRECIPITATION	None	TEMPERATURE ~50°F
NUMBER OF HOURS WORKED _	NUM	MBER OF EMPLOYEES	S
1. SCHEDULED WORK:			
2 REFERENCES TO APPROPRI 3 HEALTH AND SAFETY ISSUE			
4 SPECIFIC HEALTH AND SAFE 5 COMMENTS			
(1) Vicerialized area cre	it is and some	0/0-	
(Z) FSP # 5.17 HA			
3) Potential contact with 12/20sed soil vapors	th impacted surface	or subsurface s	oils, inhalation of
	. Splashing of decon h	13 Musche 5	tron, slips/trips/tille
(4) PPF is madeled to	41 D : 150 2:5 420	Lucion in the La	(A careno us no this pui)
4 PRE 13 Mod Cod 12	upgrade to lavel (0)	V/Prod) if necess.	
			<u> </u>
(5) Segregate wastes and afound the hold of	document oppropriately	on esettacking	log: drive carefully
around the Lord of	Gra : Smoking in s	import venicles of	:/-
ATTENDANCE:	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		
EMPLOYEE NAME (print)	EMPLOYEE SIGNATU	JRE	COMPANY
KenlAFFERTY	teff		MAVERICK
COCIF WELLENKAMS	Carl Konger		R + Wester
Alan J Cock			086
SOUN LOCAST			105
Day Corett	- Chin		185
Nick lenting	Theter		OBG
Grueto	Weston @ 1800	O Hrs on	11/11/99
IF ADDITIONAL SPACE IS RE		Havodore / De	Americal.
RECORD ON REVERSES	SIDE	PRINTED NAME I SIG	NATURE OF PREPARER
The second secon	ing distribution of the state o	11 Nov 8	7.9

SAFETY MEETING FORM

(Down gradient	alluvial aguific sa	11 Nov 99
CONDUCTED BY / COMPANY DE A	avodink / O	Brien & Gere	- JAIE <u>// // // // /</u>
PROJECT NAME Solutia - Sauget	Area 1	PROJECT LOCATION	SWOF GHIL
WEATHER Cloudy, overcast	PRECIPITATIO	ON None	TEMPERATURE ~ 50'F
NUMBER OF HOURS WORKED		NUMBER OF EMPLOYE	ES
1 SCHEDULED WORK: 2 REFERENCES TO APPROPRIATE S 3 HEALTH AND SAFETY ISSUES WIT: 4 SPECIFIC HEALTH AND SAFETY IS 5 COMMENTS:	H SCHEDULED \ SUES REQUIRIN	WORK IG ATTENTION:	
(2) FSA # 5,9: HA		<u> </u>	(a - a - b - c (a) (a - a / a)
(3) Potential contact with shock, muscle stran	VOCs, com	bustible gases, sp os/ Filtr, noise, isc	plashing of water electrice; that plants
(4) FFE is modified level [espirator on hand if up	1) with air	of C is necessary	thing zone using PID - CGA
(5) Severale wastes and de support relicles only	digit wi	th califon around	tracking log; Smoking in
ATTENDANCE: EMPLOYEE NAME (print)	EMPLOYEE SIG	NATURE	COMPANY
William E. Wright	felfer by	ryght	Ofree & Fero
Men Lucasert	E Holes	4	RF Washin
Alan Col	DIOL		OKO
JOHN UPCRAFT	JANO		195
Pan colet	(7.5
Kinher 7 1:07	myy !-		21/112
Givento	westa	a ufufss	€ tooo Hes
IF ADDITIONAL SPACE IS REQUIRE RECORD ON REVERSE SIDE	≣D	DE Havedink /	DE Horolal SIGNATURE OF PREPARER
RECORD ON REVERSE SIDE		FAIRTED NAME	SONATURE OF FREFARER
	- t. 	IINa	199

SITE VISITOR LOG

Solutia Inc. Sauget Area 1 (Please Print)

Date	Name	Organization	Phone #	Time in	Time Out
1/11/99	Kunbert TPerr 7	SOLTA	314-674-5462		1710
	William El Wright	086	314-842-4550	0645	1930
11/11/99	Alm T Cark	DB6-	314-842-4550	0645	1930
11/11/29	Ken LAFFWORY	MAUGRICK		0700	1800
1411-99	Frik Kempel	T.P.S		OKE)	1630
11-11-95	Daw POICETT	J.P.S	618-744-7900	0700	1700
11-11-691	tota UsinfT	T.P.5	618-744-7900	0700	1700
11:11-99	Marnher LINDHORDI	CAHOKIA P.D.	610-337-9505	0700	1700
IH11 99	Dave Haredine	OFE	514-280-6435	0700	1400
11-11-59	Nick Jenkins	0136	314 842 4550	0940	1930
111199	Odin wellerky	086	(/	0700	1930
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	W. T. S.				
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SITE VISITOR LOG

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Solutia Inc.
Sauget Area 1
(Please Print)

तम् Date. ना	Name	Organization	Phone #	Time in	Time Out
Mixes	William E. Wright	086	314-842-4550	0819	1730
7/97/HIG	Dan Coverr	I,P.S	618-244 790xs	0820	1700
11116297	DONN (perso)	185	CS8 244 1900	08.20	1650
11810199	Lawre A Tural	Capoling Police Days	618 3379505	0820	1700
11-11-99	Tim Hicks	YASGWC	314 429-0100	0700	
W/0 (20)	1 Lewsen 1 Rem	splite	314-674-9402	1043	11 35
11/10/51	KINLAMERAL	Maurace		1043	1135
14/0 99	Kinler y Pet	Solta		13:57	
10/10/99	Ken Coffer	Ma verz K		1357	1437
	d _i d				
Market Partie					
्राच्या । संदर्भाष्ट्रीय प्राप्त					
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ाष्ट्रभाव दशकात्रसः सुरक्षाः विकासि हिन्द्रस्थान्यस्य विकासि हिन्द्रस्थान्यस्य	43 :				
Color Malay 18 3					
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Maria Maria					
	Apr. A				

Nov il

Soil Samples

UAS-TISS UAS-TISS UAS-TISS UAS-TISS UAS-TISS

while Samples

AA-SW-SZ (72.76)(52-86) AA-SW-SZ (32-36)(42-46)

INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - MILITARY (ER 415-1-302)	THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR.		
	REPORT NO.	050	
PROJECT	DATE	12 November, 99	
Solutia Sauget Area 1 Sauget, IL	CONTRACT NO.		
CONTRACTOR	WEATHER	Sunny, Temp. 78°F	
O'Brien Gere			

CQC Inspection phases attended and instruction given:

- 1) Undeveloped soil sampling at Transect 2 completed, UAS-T2-S2 was split with Weston
- 2) OBG collected water samples on AA-SW-S2(92 to 96)Split with Weston, and also at location AA-SW-S3(52 to 56) and (62 to 66)

Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities.

1) Alluvial Aquifer sampling is taking a lot of time. The turbidity is not going below 5 NTU's as required in the FSP so purging continues for two hours at each interval before samples can be taken.

Verbal instruction given to contractor: (Include names, reactions and remarks)

1) None

Has anything developed on the work, which might lead to a change order or $\underline{\text{NO}}$ YES finding of fact?

Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc.

- 1) Extending beyond the site boundaries for soil gas survey poses access issues with several sites --I (village of Sauget), H (Village of Sauget, Rogers Cartage), G (Queeny Rd. & Cerro Copper). OBG will get what they can and Solutia will work on getting access from the appropriate parties.
- 2) Access to the Hankins property (AA-GHL-S1, S2, S3) has become a problem, the owner doesn't want anyone on her land. Solutia's remedy for this situation is to move all three sample points north about 100 feet to get off of her property. This action should not have an effect on the intent of this task.

Information, instructions or actions tak	en not covered on	OCR report or disa	agreement:	
1) None		you report or droe	.gr come	
Ty done				
SAFETY: (Include any infractions of appr From Government personnel. Specify corr			nstructions	
1) None				
REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work.)				
		=		
INSPECTORS'S SIGNITURE	DATE	SUPERVISOR'S INITIALS	DATE	
	DATE 11-12-99		DATE	
			DATE	
			DATE	

DAILY WORK LOG

DATE 12 Nov 99

PROJECT NAME South - Sauget Areal PROJECT LOCATION SWSF GHIL: Transact 2 WEATHER Partly cloudy PRECIPITATION None TEMPERATURE ~787 NUMBER OF HOURS WORKED NUMBER OF EMPLOYEES 5 1. ITEMS WORKED ON (ITEM NO., DESCRIPTION, STA. TO STA., FOREMAN) 2. INSTRUCTIONS RECEIVED FROM SOLUTIA 3. INSTRUCTIONS RECEIVED FROM USEPA 4. DEVIATIONS VISITORS (NAMES & TITLES) EQUIPMENT **LUNCH MEETING COMMENTS:** UNUSUAL EVENTS (FIRE, FLOOD, STORM, LABOR DISPUTES, ETC.) 9. REMARKS: (1) . Undeveloped area creek françact soil sampling (FSP#5.17): collected sumples of surface and subsusface soils on Transport 2, including an MS/MSD at location 54 and on EPA/ Wester solit at location 52 Down 4 radient alluvial aguiler sampling (FSP#5,4): AA-SW-SZ- (72-96FT) & EPH/Wasken SOLIT : AA-SU-SS- (52-56FT) 4(62-66FT) 4 (62-66FTMS) 4(62-66FTMS) samples calketed None None None See attacked site visitor log Georgia rigs for GW sumpling land soil sumpling - secondary surplese). HES equip. sampling equip. Support the icles None SUBMITTED TO WESTON IZNOVER DE Havesdink IF ADDITIONAL SPACE IS REQUIRED. RECORD ON REVERSE SIDE PRINTED NAME /SIGNATURE OF PREPARER / DATE

WORK FORECAST

Work Forecast for the Caylweek: 15 Nov 98 Date: 12 Nov 88
Project Name: Solutia - Sauget Area/ Project Location: SW + GHIL, Word, Transec
Company Name: O Brien & Gere
1. List Work Items and Locations Scheduled for Next Day/Week:
· Continue downgradient alluvial aguifer sampling SW of CHIL and possible move to the sampling locations Wef
Site 6
· Perform undeveloped area creek transect soil sampling on transect 3
SUBMITTED TO LIESTON 12NOV99 @ 1730
DEHarrodink De Howell 12 Nov 99

If Additional space is required, record on reverse side

Name/Signature/Date of Preparer

(Undeveloped creek transact soil sampling)
DATE 12 NOV 99 CONDUCTED BY / COMPANY: DE Haverdink / O'Brien + Gere PROJECT NAME Solution - Souget Area / PROJECT LOCATION Transect 2 WEATHER Foggy PRECIPITATION None TEMPERATURE -45°F NUMBER OF HOURS WORKED ______ NUMBER OF EMPLOYEES _____ 1. SCHEDULED WORK: 2. REFERENCES TO APPROPRIATE SECTION OF FSP & HASP 3. HEALTH AND SAFETY ISSUES WITH SCHEDULED WORK: 4. SPECIFIC HEALTH AND SAFETY ISSUES REQUIRING ATTENTION: 5 COMMENTS Undeveloped area creek transect soil sampling 4ASP # Z.8 Potential contact with impacted surface or subsurface soils, inhalation of selected soil vapors, splashing of decon waters, muscle strain, slips/tios/falls PPE is modified level D with air monitoring in the bout rezone using the PiD Hopes and RAM; upgrade to level (OV/PICE) if necessary Segrepate wastes and document appropriately on waste tracking log: it is carefully around the field office; smoking in support venicles only ATTENDANCE: EMPLOYEE NAME (print) **EMPLOYEE SIGNATURE** COMPANY on Ma Braver AR LOICETT JUN LAFFERTY SUBMITTED TO LESTON 12 NOV 99 @ 1750 PRINTED NAME / SIGNATURE OF PREPARER IF ADDITIONAL SPACE IS REQUIRED. RECORD ON REVERSE SIDE

SAFETY MEETING FORM

	SAFETY	MEETING FORM	(وماديد
CONDUCTED BY / COMPANY	E Haverdink	10'Brien + Gare	' SATE <u>12 Nov 99</u>
PROJECT NAME Solo Ha - Sa		•	SW of GHIL
WEATHER Fagy	PRECIPIT	TATION Nane	TEMPERATURE ~ 45°F
NUMBER OF HOURS WORKED _		NUMBER OF EMPLOYE	ES
(3) Printic I contact shock, muscle (4) PFE is modified [espirator on hand if	SWITH SCHEDUL TY ISSUES REQU LY ISSUES REQU	ED WORK: JIRING ATTENTION SAMPLING Generally applicable Combustible gosse, Sp. Hips/ Feltr noise, ist air maximoring in brent Jenel C is necessary	inshing of water electric itant plants thing zone using FID + CG/
ATTENDANCE: EMPLOYEE NAME (print) Acm MC-Braye/ Dow Contr Ling LIFFORY William E. Worght		SIGNATURE MeBangan Jeff Mepangan	COMPANY IPS IS MAUXICK OBG OBF
IF ADDITIONAL SPACE IS RECORD ON REVERSES	-	DE Havedink /	E Hambin

Date	Name	Organization	Phone #	Time In	Time Out
11/12/99	Bill Wright	0166-	314842-4550	0809	1838
11/12/99		CAHOKINT P.D	618 337.9505 B18-244-7911	0810	1630
11/1499	Dan Lorrett	T/25	B18-244-79101	0809	130
11/12/99	Ran Mc Broyer	TP 5	(15 3417900	13:09	3775
11/12/09	Bill Washit	OPS		0550	
11-12.99	Exik Konny	QF West	314 524 3533	OPIZ	0930
	SOUN (MERKET	1PS	6183447900	1000	1048
11-12-99	Drue Harwoont	OP6	314 2806475	1055	1160
11-12-99	Alax Cork	CB6	" " 6435	1955	1100
11.11.99	Kell Alla TOTY	Makrice Rr Wishn Solutia		1113	1217
11.12.99	Eckkenper	RF Wester	714 324 K330	1120	1:15
11-4-99	DougMackey	Solutia	6346 21488	1230	1350
11-12 94	Donnes Klauscher (X)	-8 Klenschner Lowescope	68518 1000	1230	1300
	·				
)

Date	Name	Organization	Phone #	Time in	Time Out
11/2/24	Alan Cont	OR6	(314)842-4550	0645	1100
11/12/99		1186	314.842 45%	0655	1845
11/12/20	Stave Patron	Coholein C.D.	(615) 337-9505		1630
11-12-64	CELIN WELLENKHAND	OMG	(34)8-2-4550	0750	1845
1-12-99		086	(114)5424550	0700	1700 .
11-17-49	JOHN UPCRAFT	1.P.S.	618 244 7900	0110	1100
11-12-99	An M. Bigger	165	818 2414 -950		1600
11-59	By Coat	IB	618-7411.7908	03161	1600
11.12.99	Kenlagreery	LAMORICE		730	500
11-12-99	Dine Hooding	COS 6	314 240 6475	0700	1100
4-12-99	Vicolar gentins orts	· · · · · · · · · · · · · · · · · · ·	JULY 2 4550		
11-1294		At west-		orco	1710)
11-12-99	Drive Howatink	OBC		16.70	1845
11-12 99	Ala. Cork	1RG		1630	1845
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S. S.	
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UAS-T2-56	UAS-Ta-SS	UAS. 13. 54	UAS-TQ- 33	0AS- TJ- 52	UHS-T2 SI	Soil Sungles	
İ				(i)ester Split)			

Water Samples

AA-SW 53 (52-56) West, Splt

INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - MILITARY (ER 415-1-302)	THE OCR WI	LL BE ATTACHED TO OR FILED WITH THE QAR.
	REPORT NO.	051
PROJECT	DATE	15 November, 99
Solutia Sauget Area 1 Sauget, IL	CONTRACT NO.	
CONTRACTOR	WEATHER	Sunny, Temp. 65°F
O'Brien Gere		
CQC Inspection phases attended and instruc	_	
 Undeveloped soil sampling at Transect 3 OBG collected water samples on AA-SW-S2 and (82 to 86) 		nd also at location AA-SW-S3(72 to
Results of QA inspections and tests, defic action of contractor. Include comment pert		
1) Alluvial Aquifer sampling is taking a l NTU's as required in the FSP so purging		

Verbal instruction given to contractor: (Include names, reactions and remarks)

Information on progress of work, causes for delays and extent of delays, weather, plant,

several sites --I (village of Sauget), H (Village of Sauget, Rogers Cartage), G (Queeny Rd. & Cerro Copper). OBG will get what they can and Solutia will work on getting access

1) Extending beyond the site boundaries for soil gas survey poses access issues with

Information, instructions or actions taken not covered on QCR report or disagreement:

YES

NO

Has anything developed on the work, which might lead to a change order or

samples can be taken.

from the appropriate parties.

1) None

finding of fact?

material, etc.

1) None					
SAFETY: (Include any infractions of approved safety plan, safety manual or instructions From Government personnel. Specify corrective action taken.)					
1) None					
REMARKS: (Include visitors to project and r	miscellaneous	remarks pertinent to	work.)		
inspectors's signiture	DATE	SUPERVISOR'S INITIALS	DATE		
	11-15-99				

DAILY WORK LOG

DATE 15 Nov 99 PROJECT NAME Subject Souge + April PROJECT LOCATION Swiff GHIL, Transact 3 WEATHER Clear PRECIPITATION None TEMPERATURE -65% NUMBER OF HOURS WORKED 40.5 NUMBER OF EMPLOYEES ______ 1. ITEMS WORKED ON (ITEM NO., DESCRIPTION, STA. TO STA., FOREMAN) 2. INSTRUCTIONS RECEIVED FROM SOLUTIA 3 INSTRUCTIONS RECEIVED FROM USEPA 4 DEVIATIONS 5. VISITORS (NAMES & TITLES) 6. EQUIPMENT LUNCH MEETING COMMENTS: 3. UNUSUAL EVENTS (FIRE, FLOOD, STORM, LABOR DISPUTES, ETC.) 9. REMARKS: FSP#5.9 Collected CW comples AR-SN-SZ-lie-Underebood creek Hansect suil samp : - colleged surface and subsurface soil samples from Transect 3: also colleged field duplicate at "53"/astion None None None See a Hacked visitors log 2 Geoprobe rigs for GW sumpling: sempling equip; Has equip; support vehicles " maniforing equip. SUBMITED TO WESTON 15 NOVET @ 1400

IF ADDITIONAL SPACE IS REQUIRED, RECORD ON REVERSE SIDE

DE Howsaink DE Grand 15 Nov 99
PRINTED NAME / SIGNATURE OF PREPARER / DATE

WORK FORECAST

Vork Forecast for the day week: 16 Nov 99 Date: 15Nov 99
roject Name: Studia - Saugar Area! Project Location: SWofflettle Woff. Tr
ompany Name: O'Brien & Gere
List Work Items and Locations Scheduled for Next Day/Week:
· Regin downgradient all ag samp west of GHIL (SI)
· Continue ". " " Shi of GHIL (53)
· Perform undereloped area creek fronsect Solsamp, at Transact 4
· · · · · · · · · · · · · · · · · · ·
SUEMITED TO LASTON ISNA 99 @ 1900
It Howardine DE Hoverland 15Va
IT ADDITIONAL SPACE IS REQUIRED. DE Howard in 2 DE Haverday / SVa Name (Signature/Date of Frederick)

	SAFETY ME	ETING FORM	n 1/50)
CONDUCTED BY / COMPANY _	NE Marional 1	Cillian Cill	TATE 15 Nov 79
PROJECT NAME SILLA - S	religet Aren /	PROJECT LOCATION	SV = 13HIL, W 6 W.
WEATHER Clear - calm	PRECIPITATIO	ON 1/312	TEMPERATURE ~ 35%
NUMBER OF HOURS WORKED		NUMBER OF EMPLOYE	E3
1 SCHEDULED WORK: 2 REFERENCES TO APPROPI 3 HEALTH AND SAFETY ISSU 4 SPECIFIC HEALTH AND SAF 5 COMMENTS:	ES WITH SCHEDULED Y	VORK:	
(1) Drungradient of	luvial agarter samp	oling	
(2) FSA # 5,9	HASP # 2.6	(generally applicable	E- not instelling welle)
3) Printel contact Shock, muscle	with VOCs, come	s/ Felt , noise, co-	tashing of water Rlecture technique for the plant; the plant; the plant; thing some using \$10 + 66.
	•		Hacking log: Smoking in
ATTENDANCE:			
EMPLOYEE NAME (sont)	EMPLOYEE SIG	MATURE	COMPANY
Alga Cont		W. Mal	
Kobert Dozinor	The second second	and i	Police Dept
Beal A EC = 5274		-	Maurrick
Kimber 7 Perco	Leola J'EN		5,/170
Day jone	1222		TP.S
Bon Ma Brayer	Profes This Co.		<i>-25</i>
Lick Jenkins	- Marque		
	SUBMITED TO LAS	13V 15NOV 99 (C)	190C
IF ADDITIONAL SPACE IS R RECORD ON REVERSE		PRINTEDNAME /	SIGNATURE OF PREPARER
THE STATE OF THE PERIOD			o .
		13 Nov 9	DATE

SAFETY	MEETING FORM (
(Undeveloped er	DATE 15 1/2 99
CONDUCTED BY COMPANY : DE Haverdie	10 Bosen + Cove 10 PAN 99
PROJECT NAME Solvera - Souget Area /	PROJECT LOCATION Transacts
WEATHER Clear + calm PRECIPIT	ATION 1000 TEMPERATURE 1005 M
NUMBER OF HOURS WORKED	NUMBER OF EMPLOYEES
1. SCHEDULED WORK: 2. REFERENCES TO APPROPRIATE SECTION OF 3. HEALTH AND SAFETY ISSUES WITH SCHEDU 4. SPECIFIC HEALTH AND SAFETY ISSUES REQU 5. COMMENTS: (1. Uncarriaged area crack hangest sect sect sect sect sect sect sect s	LED WORK: IIRING ATTENTION Self Sampling
3) Potential contact with impacted released sort vapors, splashing of diving range hazerds	surface of subsurface soils, inhalatin it docon waters, muscle strain, slips/ tro-/ alle,
4 70; and RAM; upgrade to level	IC (OV/PICE) IS necessary
	agin support vehicles and
ATTENDANCE:	CLONGETIES
EMPLOYEE NAME (crint) EMPLOYEE	SIGNATURE CONFANY
	Will DUX
Ren CARRETTY CO	MAUFRICE
1 his the	Police Japa
Vimber 7 Per Kester	Salta
The first of the f	70/6115
Dan Leve II	
Top of Brayer Tould His Par	Tr.
Tick grains Whife	Fu ist
בנו כו (פארומציעיני)	S 101/ 151/2179 (2) 1900
IF ADDITIONAL SPACE IS REQUIRED, RECORD ON REVERSE SIDE	DE Have dink / SE Handin PRINTED NAME / SIGNATURE OF PREPARER
	DATE

Solutia Inc. Sauget Area 1 (Please Print) Judihl and/ priving Range

Date	Name	Organization	Phone #	Time In	Time Out
11/15/99	Ron Mc Biggel	FPS	C/3 2.69-7900	7:53	1700
1/15/99	Robert Durnell	F. 8.5 OBG	314-250-6434	7:55	17cm
1115/21	ROBERT DURNELL	Cohokin Police Dipol. 1PS		7:55 0755	1745
	Dan Coset	1PS		0755	1000
V	Alon (osk Dave Havodink	OPG		1000	1500
·	Dave Harodink	ORG OBG		1002	12:45
	Nick Jankins	<i>ं</i> डि०		1000	1700
	Daren Thumpson Dan Laret	USC		140	17:45
	Dan Loret	IPS		1005	1700
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Date	Name	Organization	Phone #	Time in	Time Out
11/15/49	Kin Dowlo Perio	salita	314-673462	0634	1700
11/15/84	A) COCY Ken CAPPERRY	OBL	314-512-1550		1500
11/15/20	Ken LAPPERETT	MANISCICIC		0645	1630
11/15/97	Robert Dazufle	Consider Police Deple		0645	1745
11-15-99	Dave Harriding	<u> </u>	214 286 6422	0700	M 2000
11/13/25	Mel Trase	086	4.02 5518244	2700	2000
1115/94	William E. Wright	Consider Police Dept.	314-250-6433	0700	1820
11.15.4	Par Corett	78.5	(15-244-1941	0700	1700
11-15-99	Ran M. Braye.	IFS	C19 21147900	6.701	1700
11-15-79	N. Denberg B. Hiller	UBG Solution WEK	3148424550	0915	
1145-99	BIFILEC	Solution wak	418 482-6362	2:10	14:55
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Sauget Site Investigation Waste Tracking Log

Date: //-/5 99

Date	Site	Activity	Waste Type	Qty	Container Type	Storage Location	Drum#	Initials
11/15/99	Swyder	Downbrad Alluvial Agrifer		69		Judith Layre Tank		Way
	1	V				,		/
								1
								
				<u></u>				
			•					

Notes:

Storage Tank Capacity: 4,900 Gallons

() (())

Scal Source UAS-73-51 52 53

2

Wader

AA.5W-52 AN-56-50 (102-106) (72.76) (82.86)

INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - MILITARY (ER 415-1-302)	THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR.			
	REPORT NO.	052		
PROJECT	DATE	16 November, 99		
Solutia Sauget Area 1 Sauget, IL	CONTRACT NO.			
CONTRACTOR	WEATHER	Sunny, Temp. 65°F		
O'Brien Gere				

CQC Inspection phases attended and instruction given:

- 1) Begin soil sampling at Transect 4 completed. Weston collected split at UAS-T4-S6
- 2) OBG collected water samples on AA-SW-S3(92 to 96) Weston collected split, OBG also sampled at location AA-GHL-S1(12 to 16)

Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities.

1) Alluvial Aquifer sampling is taking a lot of time. The turbidity is not going below 5 NTU's as required in the FSP so purging continues for two hours at each interval before samples can be taken.

Verbal instruction given to contractor: (Include names, reactions and remarks)

1) None

Has anything developed on the work, which might lead to a change order or \underline{NO} YES finding of fact?

Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc.

1) Extending beyond the site boundaries for soil gas survey poses access issues with several sites --I (village of Sauget), H (Village of Sauget, Rogers Cartage), G (Queeny Rd. & Cerro Copper). OBG will get what they can and Solutia will work on getting access from the appropriate parties.

Information, instructions or actions taken not covered on QCR report or disagreement:

1) None

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions From Government personnel. Specify corrective action taken.)						
1) None	1) None					
REMARKS: (Include visitors to project and miscellaneous remarks pertinent to work.)						
INSPECTORS'S SIGNITURE	DATE	SUPERVISOR'S INITIALS	DATE			
11-16-99						

DAILY WORK LOG

DATE 16 16 19

WEA	THER Clear PRECIPITATION None TEMPERATURE
	BER OF HOURS WORKED 96.5 NUMBER OF EMPLOYEES 8
2. 3.	EMS WORKED ON (ITEM NO., DESCRIPTION, STA. TO STA., FOREMAN) ISTRUCTIONS RECEIVED FROM SOLUTIA ISTRUCTIONS RECEIVED FROM USEPA EVIATIONS
5 6 7	ISITORS (NAMES & TITLES) QUIPMENT JNCH MEETING COMMENTS:
	NUSUAL EVENTS (FIRE, FLOOD, STORM, LABOR DISPUTES, ETC.) EMARKS:
<u></u>	- Dwryrad. all. ag. sump: (FSP = 5.9) collected Gy semples AA-SW-33- (92-96)11 AA-6H1-SI- (12-16) FT; split sumple w/ Erik Kimpr of Waster at AA-5W-55- (92-96) FT
	· Underered area crest transport soll samp : (FSP # 517: (allacted 30.1 Samples 1/45-74-(SI then SG) -0.5FT, UAS-TY-(SS and SG)-37-FT, The displace to samples at SS, and asplit sample at SG w/ Erik Kamper - Westen
3	None None
7)	Ning
5	See a Hackey site visitor log
<u>5. </u>	2 Georgia Figs for Ghil sumpling; Sampling equip.; Has equip ; monitoring equip summert vehicles
(1) (8) 9)	Nine None
) —	None
	SUBMITED TO WESTON 16, WEN 99 (~ 1800

WORK FORECAST

Work Forecast for the day/week: 17 Mov 89 Date: 16 Nov 89
Project Name: Sought Saught Area Project Location: SW + GHIL Wist GHIL
Company Name: Chrien & Gare
1. List Work Items and Locations Scheduled for Next Day/Week:
· Continui alingted. all. ag. somp SWO- GHIL and WiffGHIL
Continue undereloped area creek transact soil sumpling at Transact 4
· Begin und: area creek Hansest soil samp. at Transacts
·
SURMITED TO WES TON 16 Nov 29 @ 1800
ICARDITONAL SPACE IS REQUIRED. Name/Signature/Date of Property / Common

RECORD ON REVERSE SIDE

Date	Name	Organization	Phone #	Time in	Time Out
11/10/99	Kimberdy Peris	Solutia	314-674-412	0625	1805
1111199	A) Curle	036 %	314-812-1550	0645	1100
11/11/4	Chen THOMPSI-	986	5025613414	do 30	1830
1111/195	milita	CAHECIT P.D.	33,-105	0055	1600
1111199	BILLUNGIT	0166-	314-280-6473	0700	1830
111/16/15	In levence	013 <u>(</u>	314-147-1822	500	1100
11-16-49	Dave Howdat	OBC	714 280 6435	0705	lia
11-16-99	N. Mcukins	०.१८	1,4 842 4560	07 <i>05</i>	0281
11-16-97	DAN COLETT	J.F. 5	618-244. 700	0705	1600
11-10.95	Ash Reproved	This Mayenck	618-744-7900	07.25	1600
11:16-95	John Flor	Mayenck		R150	17W
	E. KK	OF Winter		930	1700
11-16-97	Dave Hawdonk	ONG		1700	1870
11-16-99	Alan Cork	OBG		1700	0ER1
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		· · · · · · · · · · · · · · · · · · ·			
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Solutia inc. Sauget Area 1 (Please Print) Judith Lane

Date	Name	Organization	Phone #	Time In	Time Out
11/16/99	Million Bold right				
11/11/19	Combern Penny	Salatia		1) 821	1117
11-16.99	Fut kenne	Solitica Rt Washer		1100	11-17
11/6/89	Same George	EE TO THE			140
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Sauget Site Investigation Waste Tracking Log

Date:

Date	Site	Activity	Waste	Qty	Container		Drum#	Initials
		•	Туре	Ì	Туре	Location		1
11/4/99	5W- 5 3	Dur Grad Alle Ag. Sam	1	30		Tudith Landton	Bulks Shus	WELL
14/1699	C-HL-51	11 11 11 al de	4	35	11	10	(c)	Wall
11/10/99	THANSECT 3	TOPINGLECT 3	at PPE	7 DILLIM	· DRUM	((PPE-022.	PST
								1
				,	·			
			_					
				•				-
			•					-

Notes:

Storage Tank Capacity: 4,900 Gallons

(Undeveloped creak transact soil sampling) DATE 16 Nov 90 CONDUCTED BY / COMPANY DE Hardine / O Brien & Gare PROJECT NAME Solver - Sauget Area / PROJECT LOCATION WEATHER Clear PRECIPITATION None TEMPERATURE + 40 FF NUMBER OF EMPLOYEES NUMBER OF HOURS WORKED 1 SCHEDULED WORK 2. REFERENCES TO APPROPRIATE SECTION OF FSP & HASP: 3. HEALTH AND SAFETY ISSUES WITH SCHEDULED WORK: 4 SPECIFIC HEALTH AND SAFETY ISSUES REQUIRING ATTENTION. 5 COMMENTS Undeveloped area creek franszet soil sampling Potential contact with impacted surface or subsurface soils, inhalation of released soil report, splashing of decon waters, muscle strain, sligs/tip./ File PPE is modified level D with air man toring in the boat reserve us on the Pi (OV/AID) I recessary Score oute wastes and document appropriately on lesse truck in lie : inve cure full around the field office: smoking in support venicles Enl ATTENDANCE: EMPLOYEE NAME (print) EMPLOYEE SIGNATURE COMPANY SURMITED TOLISION 16Nov99 IF ADDITIONAL SPACE IS REQUIRED. PRINTED NAME / SIGNATURE OF PREPARER RECORD ON REVERSE SIDE 16 Nav 89

SAFETY MEETING FORM

SAFETY MEETING FORM (Down gradient alluvial agui Gr sampling)
DATE 16 Nov 99 CONDUCTED BY / COMPANY DE Haverdink / O'Brien & Gare PROJECT NAME Solution - Solution Area / PROJECT LOCATION SWIFGHIL, W. of GHIL WEATHER Clear PRECIPITATION NORE TEMPERATURE ~40 F NUMBER OF HOURS WORKED ____ NUMBER OF EMPLOYEES 1 SCHEDULED WORK: REFERENCES TO APPROPRIATE SECTION OF FSP 3 HASP HEALTH AND SAFETY ISSUES WITH SCHEDULED WORK SPECIFIC HEALTH AND SAFETY ISSUES REQUIRING ATTENTION: COMMENTS: Drungladiant alluvial aguster sampling (generally applicable - not instelling wells) VOCs, combustible gasse, Splashing of water electric
slips/ tips/ fells noise, contact w/irribat plants FRE is modified level D with air movinoring in breathing zone lespirator on hand it upgrase to level C is necessary Sovregate wastes and document appropriately on worke tracking log su most relicles only drive with caution around field ATTENDANCE MPLOYEE NAME (print) COMPANY lik lenkins SURMITED TO WESTON 16 Nov 79 @ 1800 Is Blowda DE Harodink IF ADDITIONAL SPACE IS REQUIRED. PRINTED NAME / SIGNATURE OF PREPARER RECORD ON REVERSE SIDE

16 Nov 99

1-STLOUIS DIVISION ADMINI 999 SAFLOG WPD

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	Z.PT-SAU	
	Soll Singer	

HH-CHL SI (12-11)

INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - MILITARY (ER 415-1-302)	THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR.			
	REPORT NO.	053		
PROJECT	DATE	17 November, 99		
Solutia Sauget Area 1 Sauget, IL	CONTRACT NO.			
CONTRACTOR	WEATHER	Sunny, Temp. 65°F		
O'Brien Gere				

CQC Inspection phases attended and instruction given:

- 1) Finish soil sampling at Transect 4 and begin T-5. Weston collected split at UAS-T5-S5
- 2) OBG collected water samples on AA-SW-S3(96 to 99) Weston collected split, OBG also sampled at location AA-GHL-S1(22 to 26)

Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities.

1) Alluvial Aquifer sampling is taking a lot of time. The turbidity is not going below 5 NTU's as required in the FSP so purging continues for two hours at each interval before samples can be taken.

Verbal instruction given to contractor: (Include names, reactions and remarks)

1) None

Has anything developed on the work, which might lead to a change order or \underline{NO} YES finding of fact?

Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc.

1) Extending beyond the site boundaries for soil gas survey poses access issues with several sites --I (village of Sauget), H (Village of Sauget, Rogers Cartage), G (Queeny Rd. & Cerro Copper). OBG will get what they can and Solutia will work on getting access from the appropriate parties.

Information, instructions or actions taken not covered on QCR report or disagreement:

1) None

SAFETY: (Include any infractions of approved safety plan, safety manual or instructions From Government personnel. Specify corrective action taken.)						
1) None						
REMARKS: (Include visitors to project and m	iscellaneous r	emarks pertinent to	work.)			
		1				
INSPECTORS'S SIGNITURE	DATE	SUPERVISOR'S INITIALS	DATE			
11-17-99						

DAILY WORK LOG

DATE 17 Nov 99

VEATHER Clear	PRECIPITATION	None	TEMPERATURE ~ 60
IUMBER OF HOURS WORKED		UMBER OF EMPLOYEES	
1. ITEMS WORKED ON (ITEM NO.,		O STA FOREMAN)	
2. INSTRUCTIONS RECEIVED FRO		O STA., POREIVIAIN)	
3. INSTRUCTIONS RECEIVED FRO			
4 DEVIATIONS			
5. VISITORS (NAMES & TITLES) 6. EQUIPMENT			
7. LUNCH MEETING COMMENTS:			
8. UNUSUAL EVENTS (FIRE, FLOO	D, STORM, LABOR DIS	SPUTES, ETC.)	
9. REMARKS:			
70 - 1) - 1 - 1 - 1	2 / 5-04 =	5 9 1 1 1 1	(1) 50 - 0/2
() " Ungrad All. ag. 5 AA - SW - 53 - (AA - GHL - SI - (96-99 FT Nuc 500	d dun and exist	GW samples
AA - GHL - SI - 1.	22-26Fil Nus F	eld dies and Ms ar	d MSD and equip.
blank			
		/ ~ A ~ - (-)	
· Und- agen creek Ha	nsect Sul/Samp:	(1-5845,17) coll	ected Soil Sumples
at 11AS-TY-52	7.5FF VA5-14-	o collected surface	GFT, Plus field da
soil sample at	Transcr 5	newding MS/MSA	@ UAS-75-54 (0)
and J-GFT) a	nd field dup. (2)	UAS-13-56 (OSFT.	and 3-6FT); SP17
surface and sub	surface samples	W/Erik Kemper of	Wester at UTS-15-55
2) Collected equip	- blanks UAS-TS-	-55-10.5FT = 3GFT)	EB .
2) Nove			
T) None			
5) See a Hacked site u	isitor log		
2 Georgies Mas for	-64 0 2 4	C 2 . 10	h
cznip: sumort ve	<u> 64 замр., 174</u>	Sequip; monitoring	y Eg aib; surping
	77.40		
7) Nove			
3) None			
1) None	-		
	SUBMITED DA	ESTON 17NOV99 (A.	<i>2∞</i> c

,	SAFETY N	MEETING FORM	\
()	Indeveloped crea	LK transect soil sample	(mg) DATE 17 Nov 99
CONDUCTED BY / COMPANY :	E Havodak	1 O'Brien + Gere	
PROJECT NAME Solutia - So	auget Area 1	PROJECT LOCATION	Transects 4 +5
WEATHER Partly Cloudy	PRECIPITA	TION None	TEMPERATURE ~ 40°F
NUMBER OF HOURS WORKED _		NUMBER OF EMPLOY	EES
1. SCHEDULED WORK:			
2. REFERENCES TO APPROPRIA			
3 HEALTH AND SAFETY ISSUE 4 SPECIFIC HEALTH AND SAFE			
5 COMMENTS			
(1) Undeveloped area cres	k transect so	11 sampling	
Z) FSP # 5.17 HAS	P#Z,8		
_			
3) Potential contact with released soil vapors,	solarhan of a	furface or subsurface	sorts inhalation of
, , , , , , , , , , , , , , , , , , ,		rion with a first	
DPF mod Cod 12	· · / / · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	1 . 4
4) PPE is modified lev	parade to level	C (OV/PICO) if new	scard using in the
	7 3		
5) Some oak wastes and	document appro-	printe he on waste track	in the investment
5) Score gate wastes and around the field of	re: Smoking	in support vehicles	ach
		, ,,	
			·
ATTENDANCE:			
EMPLOYEE NAME (print)	EMPLOYEE S		COMPANY
hop with the	Present The	Cariner	TIE
They - hompson	Laure 1	moron	080
Alm, Cont	A A	199	OB/6
Wick Jankins	Will Had		50/. Fres
- JOHNIER STEER	- July		76/5/64
(RW)	TED TO WESTO	N 17Nov99 @ 1900	
	THE TO WESTO	N / X/000 11 @ /100	
F 100F10111		AE11 / 0	S 81 , 5
IF ADDITIONAL SPACE IS REC RECORD ON REVERSE S			E Haverlow SIGNATURE OF PREPARER
TEGOTO OF TEVETOR 3			
			Na 99
			DATE

SAFETY MEETING FORM (Downgradient alluvial agustin sampling)

SATE 17 Nov 99 CONDUCTED BY I COMPANY DE Haverdink / O'Brien & Core PROJECT NAME Solution - Souget Area / PROJECT LOCATION SWOTGHIL, WOT GHL WEATHER Partly cloudy PRECIPITATION None TEMPERATURE ~40°F ___ NUMBER OF EMPLOYEES NUMBER OF HOURS WORKED _____ SCHEDULED WORK REFERENCES TO APPROPRIATE SECTION OF FSP 3 HASP HEALTH AND SAFETY ISSUES WITH SCHEDULED WORK 4 SPECIFIC HEALTH AND SAFETY ISSUES REQUIRING ATTENTION: COMMENTS Downgradient alluvial aguifer sampling FSP # 5.9; HASP # 2.6 (generally applicable - not instelling wells, Potential contact with VCCs, combustible gasss, Splashing of water electric shock, muscle strain, slips/ tips/ falls, noise, its tant plants PPE is modified level D with air monipoling in brenthing zone using PID+CGM; respirator on hand is upgrade to level C is necessary : Smoking in Segregate wastes and document appropriately on waste tracking log support vehicles only; drive with caution around field office ATTENDANCE: EMPLOYEE SIGNATURE COMPANY MPLOYEE NAME (onnt) " MCBrayer tenking 006 CAHOKIA P.O. KHARO HILL SUBMITED TO WESTON / TWO 99 @ 1900 DE Havesdak / 95 Havolik
PRINTED NAME / SIGNATURE OF PREPARER IF ADDITIONAL SPACE IS REQUIRED. RECORD ON REVERSE SIDE

17 Nav 99

Date	Name	Organization	Phone #	Time in	Time Out
11/17/99	Kunted 7 Perry	su/Ha	314-674-3402	0630	1155
11/17/99	Bill Wright	0136		0655	2040
141799	Bill Wright	1166		1655	2040
11-17-99	RILLIARD HILL	CAHOKIA F D	418-337-9505		1630
11-17.91	Dave Harrding	086	314 280 6435	0700	2040
11-17-49	Alan Cosk	086		0700	1415
11-117-99	Dry COUTT	I.J.5	1018 - 244 7900	0705-	1600
11-17-17	Xan Mc Braye.	IPS	C15 244 9960	07:09	1600
11-17-99	Nick Jenkins	086		0710	2040
11-17-91	TinTelesis	0,136	341-8-1) 4850	0800	1745
11.17.59	John Flor	Mayerich		0835	

Date	Name	Organization	Phone #	Time In	Time Out
11-17-99	RUMARD HILL	CAMBRIA P.D.	618-331-985	1)909	13
11/17/99	Daen Thompson	086	502 55184	0910	0921
11/17/99	ALLAN CORK	OBE	314 842 4557)	0910	0921
117/99	Tim Hicks	UNSGWC	314 3 3 9/00	1076	1053
11/17/99	DICK NELSON	Salutia	482-6515	12:36	1301
1/17/95	DUNG MACKEY	٠(6488	دا	1301
11/17/05	N. Jankons	0116	1218 314 x47 4550	1250	/335
		TRANSECT 5			
11-17-49	RICHARD HILL	CANOKIA P.D.	418-337-955	1347	1430
11/17/99	Clien Thompson	OBG	502551826		1800
11-17-49	Dun Laret	IPS	375000	1330	1450
11-17-49	1. Jenkins	orsi	3148424450	1500	1800
11-17-94	C. Kengrer	RF Westin	714 722 cas	1500	1630
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WORK FORECAST

Work Forecast for the day week: 18 Nov 99 Date: 17Nov 99
Project Name: Solution - Souget Area! Project Location: Wiot GHL, Transect
Company Name: O'River + Gere
1. List Work Items and Locations Scheduled for Next Day/Week:
· Continue dwngred, allow, up, sampling west of GHL (51+52)
- Perform soil sampling on Transact 6 in underelated area
· Coordinate future site activities
SUBMITTED TO LESTON 17MW 99 @ 2000
DF Haverday (ASD) - 11/1711.00

II ADDITONAL SPACE IS REQUIRED, RECORD ON REVERSE SIDE Namo Signature Date of Preparer

WORK FORECAST

Work Forecast for the day/week 22 Nov 99 Date: 17 Nov 99
Project Name: Solutin - Sauget Area / Project Location: Transect 7; field office
Company Name: O'Brien & Gere
1. List Work Items and Locations Scheduled for Next Day/Week:
· Finish swiface soil sampling on Transport 7 in undereloud area, it needed
undereloped area, 12 needed
· Continue coordination of future activities
SURALITED TO LESTON 17 Nov 99 @ 2000
DF Havedint / D. Hand / 17 1/4, 99

If Additional space is required, record on reverse side

Name/Signature/Date of Preparer

, Mb. (7

Soil Sangles

Split 10:45.75.55 will western

Wet Swells

AR-500-53 (96-99)

ANSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - MILITARY (ER 415-1-302)	THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR.			
	REPORT NO.	054		
PROJECT	DATE	18 November, 99		
Solutia Sauget Area 1 Sauget, IL	CONTRACT NO.			
CONTRACTOR	WEATHER	Sunny, Temp. 60°F		
O'Brien Gere				

CQC Inspection phases attended and instruction given:

- 1) OBG completes soil sampling at Transect 6. Weston collected split at UAS-T6-S3
- 2) OBG collected water samples on AA-GHL-S1(32 to 36),(42 to 46), OBG also sampled at location AA-GHL-S2(12 to 16),(22 to 26). Weston collected split at S1 (32 to 36) and S2 (22 to 26)

Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities.

1) Alluvial Aquifer sampling is taking a lot of time. The turbidity is not going below 5 NTU's as required in the FSP so purging continues for two hours at each interval before samples can be taken.

Verbal instruction given to contractor: (Include names, reactions and remarks)

1) None

Has anything developed on the work, which might lead to a change order or $\underline{\text{NO}}$ YES finding of fact?

Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc.

1) Extending beyond the site boundaries for soil gas survey poses access issues with several sites --I (village of Sauget), H (Village of Sauget, Rogers Cartage), G (Queeny Rd. & Cerro Copper). OBG will get what they can and Solutia will work on getting access from the appropriate parties.

Information, instructions or actions taken not	covered on	QCR report or disagre	ement:
1) None			
SAFETY: (Include any infractions of approved so From Government personnel. Specify corrective			ructions
1) None			
REMARKS: (Include visitors to project and misc	ellaneous re	emarks pertinent to wo	rk.)
			i
INSPECTORS'S SIGNITURE	DATE	SUPERVISOR'S INITIALS	DATE
	11-18-99		

DAILY WORK LOG '

DATE 18 Nov 99

PROJECT N	AME <u>Solu A</u>	10 - Sa	uget Areal	PROJ	ECT LOCATION	W.of	GHL, Trans	ect 6
			PRECIPIT					
NUMBER OF	F HOURS WO	RKED _	58.5	NUM	BER OF EMPLOY	EES	6	
2. INSTRU 3. INSTRU 4. DEVIAT 5. VISITOR 6. EQUIPM 7. LUNCH 8. UNUSU 9. REMAR	CTIONS REC ICTIONS REC IONS RS (NAMES & MENT MEETING CO AL EVENTS (KS:	EIVED FF EIVED FF TITLES) DMMENTS FIRE, FLO		BOR DISPU	TES, ETC.)) SUMP	es AA-GH	<u> </u>
	plected a	501.7	at AA-GHL	-5/ /22-	36 FT) and	AA-6	46-25(55.	26,27)
	Indeveloped a Subsurface SJ; El	reo crea sample ik Kam	k fransect soil les on Transe per Collected	samp: ct 6, 18 a split	chiding eg	collect up ment 53	blanks on	location
Q No	one one							
	attacked u	nsi bus	log					
<u>©</u> 2	Geoplobo Vehicles	rigs;	Hrs equip.	sample	geguip.; Me	on bring	eguip.; s	u post +
D Non (8) Non (9) Non	e							
			SUBMI MED TO	O WESTON	18Na99 @1	1845		
				2	. 10-	,7/		
	TIONAL SPAC CORD ON RE		•	JE/6. PRIN	TED NAME / SIG	NATURE	OF PREPARE	R/DATE

		SUBMITED TO	WESTON 18Now 99 (1845		
Alca S C	o & Wright		The state of the s		OBS	
EMPLOYEE N Wik link ins Juic Le N Dan Lor	IAME (print)	EMPLOYE Mi de le Josh Angola	E SIGNATURE Manage Manage 1		COMPANY O'Brien & S Solitio IPS IPS MAUSICIA	lero
4) FPE respir	is modified afor on-hand egak wastes octi vehicles	level D with is upgrade to	air moninoring in level C is neces appropriately on with caution	n breathing	zone using	PID + CGM;
2) F:		; HASP # 2	combustible gases / Kips/ Fils, nois	<u> </u>		
3 HEALTH A 4 SPECIFIC 5 COMMEN	NCES TO APPROP AND SAFETY ISSU HEALTH AND SA ITS:	JES WITH SCHEDU FETY ISSUES REC	JLED WORK: QUIRING ATTENTION:			
	HOURS WORKED		NUMBER OF E	EMPLOYEES _		
PROJECT NAI WEATHER	_	J	PITATION None		TEMPERATURE	~50°F
		DE Haverdink	dient alluvial agu 10 Brien + Gel PROJECT LOC	re		<u>. /</u>

SAFETY MEETING FORM (Undeveloped creek transact soil sampling)
DATE 18 Nov 99 CONDUCTED BY / COMPANY: DE Haverdink / O'Brien & Gere PROJECT NAME Solutia - Sauget Area 1 PROJECT LOCATION Transact 6, pousibly 7 WEATHER Clear PRECIPITATION None TEMPERATURE ~500F NUMBER OF EMPLOYEES ____ NUMBER OF HOURS WORKED 1. SCHEDULED WORK: 2. REFERENCES TO APPROPRIATE SECTION OF FSP & HASP: 3 HEALTH AND SAFETY ISSUES WITH SCHEDULED WORK: 4. SPECIFIC HEALTH AND SAFETY ISSUES REQUIRING ATTENTION: 5 COMMENTS: Undeveloped area creek transact soil sampling FSP # 5.17 MASP#Z,8 Potential contact with impacted surface or subsurface soils, inhalation of released sort vapors, splashing of decen waters, muscle strain, slips/trips/Gills noise from Geoprie rig, contact white fant plants PPE is modified level D with air man toring in the boats rezone using this 4-705 and RAM; upgrade to level (OVIPIOD) if necessary Segregate wastes and document appropriately on weste tracking log: inve carefully around the field office; smoking in support vericles only ATTENDANCE: EMPLOYEE SIGNATURE COMPANY EMPLOYEE NAME (print) SUBALTED TO LESTON 18NOV19 @ 1845 DE Haves diak) & Have Sold
PRINTED NAME / SIGNATURE OF PREPARER IF ADDITIONAL SPACE IS REQUIRED.

18 Nov 89

C.\Sause\OBG Forms\SAFLOG WPD

RECORD ON REVERSE SIDE

Solutia Inc. Sauget Area 1 (Please Print)

Date	Name	Organization	Phone #	Time In	Time Out
11/18/99	Kimberty Pering	Solution	314-674-5402	0634	1445
1-1118/99	William E. Wright - Dave Hawrdink	086	314-842-4550		1430
11-18-99	Dave Haverdink	aso	514 280 6435	0655	1855
11/18/99	KEIM BONERS	CATOKIA 1727	618 537-9505	6700	7710
11-18-97	Nick lenkins	0.07	314 842 4550	0700	1830
110199	Oliver Thankson	0BG 2	5075518266	6700	1830
11-18-49	Olyn Thompson Ken haffetty Von Coret	Marine	4	0710	1830
11-18-49	Now CoreTT	785 785 036	px-140-2900	0705	1500
11-18-99	Rom Mc Bayer	TA-	618 2447900	0705	1700
11-19-11	TINTEDESCO	036	314-842-4050	0855	57.15
11-18-99	Al Coer	086	314-812-4550	1020	1850
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Solutia Inc. Sauget Area 1 (Please Print)

\$w. of GHL

Date	, ∠Name	Organization	Phone #	Time In	Time Out
11-18-99	HELL MERTICOG	(c) l'avenicie		0940	0952
	\bigcirc				
1801	78AUSECT 6			1	
11-18-99	Dave Havesdink	OBG	7/4 280 6475	1000	1130
11-18-99	Pan Loret	//>5		יטטירי	1105
11-18-99	Fix Kemper			1000	1700
11-18.99	E. Hansel	CAHOKIA PO RT WASLA KT WOSCHTI		1140	1232
11-18-99	ERA Hander	RF Western		1558	1633
	CRIT RAVIES	137 23 67581		1333	1
					
					
				 	
				 	
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WORK FORECAST

Work Forecast for the dayweek: 19 Nov 99 Date: 18 Nov 99
Project Name: Solutia - Sauget Area / Project Location: W. of GHL, Transect
Company Name: O'Brien & Gare
1. List Work Items and Locations Scheduled for Next Day/Week:
· Continue GW sumpling at downgrodient all. ag. W. of GHL (51 252)
· Posform soil sampling at undeveloped orea Transact 7
· Continue coordination of future activities
SUBMITED TOWESTON 18NOV99 @ 1845
DE Harsdink DE Harsding / 18Nov 99

If Additional space is required, record on reverse side

Name/Signature/Date of Preparer

AM.GHZ.SI (32.56) split Wester

INSPECTORS QUALITY ASSURANCE REPORT (QAR) - DAILY LOG OF CONSTRUCTION - MILITARY (ER 415-1-302)	THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR.			
	REPORT NO.	055		
PROJECT	DATE	19 November, 99		
Solutia Sauget Area 1 Sauget, IL	CONTRACT NO.			
CONTRACTOR	WEATHER	Sunny, Temp. 65°F		
O'Brien Gere				

CQC Inspection phases attended and instruction given:

- 1) OBG completes soil sampling at Transect 7. Weston collected split at UAS-T7-S3
- 2) OBG collected water samples on AA-GHL-S1(52 to 56), OBG also sampled at location AA-GHL-S2(32 to 36), (42 to 46).

Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities.

1) Alluvial Aquifer sampling is taking a lot of time. The turbidity is not going below 5 NTU's as required in the FSP so purging continues for two hours at each interval before samples can be taken.

Verbal instruction given to contractor: (Include names, reactions and remarks)

1) None

Has anything developed on the work, which might lead to a change order or \underline{NO} YES finding of fact?

Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc.

1) Extending beyond the site boundaries for soil gas survey poses access issues with several sites --I (village of Sauget), H (Village of Sauget, Rogers Cartage), G (Queeny Rd. & Cerro Copper). OBG will get what they can and Solutia will work on getting access from the appropriate parties.

Information, instructions or actions taken not	covered on	QCR report or disagree	ement:	
1) None				
SAFETY: (Include any infractions of approved safety plan, safety manual or instructions From Government personnel. Specify corrective action taken.)				
1) None				
REMARKS: (Include visitors to project and misc	ellaneous r	emarks pertinent to wor	ck.)	
	T	T		
inspectors's signiture	DATE	SUPERVISOR'S INITIALS	DATE	
	11-19-99			

DAILY WORK LOG

								DATE 🚣	91/299	
PRC	DJECT NAME	Sduta	- Sauge	et Area/	P	ROJECT LOC	CATION	WOFGHE	Transact	7
WE,	ATHER <u>(/ø</u>	edy + WI	ndy	_ PREC	IPITATION	1/1000	Slight in	Am. TEMPS	ERATURE ~	65°F
	MBER OF HO	,		_	N	UMBER OF 8	EMPLOYEE	S <u>6</u>		
2. 3. 4. 5.	ITEMS WOR INSTRUCTION INSTRUCTION DEVIATIONS VISITORS (N	ONS RECE ONS RECE S IAMES & T	IVED FRO	M SOLUTIA		OSTA FOR	REMAN)			
7. 8.	EQUIPMENT LUNCH MEE UNUSUAL E REMARKS:	TING COM		DD, STORM,	LABOR DI	SPUTES, ET	C.)			
	· Dun 91	ad. all. 56)FI; 46)FIN	12. Sa AA-6 15D,	1mp: (A M-52-((JZ-36) F)	FSP #5.9 (32-X)F (TEB	(allect	d 6W	59 mples (42-46) F	AA-642- T, (-4246)F	51- FMS,
<u>r</u>	· Und. on) blank	area transect	rect so	oil samp: Iso collect it samples	FSP+ Red MS W/Erik	(5.17) a (MSDs Q Kanper Q	ollected 55 , fi	surface a cold days C	subsurface 53, and e	e samp
2)	None None None	hed usite	W7 /00							
<u></u>		probe ri		Hos equip	., men	foring equi	b., sas	npling ex "	b, suppor	<i>†</i>
多 9 —	None None None									
			SUBA	1178) lo W	ESTON 1	1Na199 (3 /800			
	IF ADDITION		E IS REQU	·		Hawdia K	10%	Thoras	/ 19Na 9	79

1	SAFETY MEETING FORM	
((Indeveloped creek transact soil sam	Prog) DATE 19 Nov 89
CONDUCTED BY / COMPANY :	DE Haverdink / O'Brien + Ger	2
PROJECT NAME Solutia - S	auget Area / PROJECT LOCATIO	N Transect 7
WEATHER <u>Cloudy</u>	PRECIPITATION true overnigh	TEMPERATURE ~607
NUMBER OF HOURS WORKED	NUMBER OF EMPLO	DYEES
1, SCHEDULED WORK:		
 REFERENCES TO APPROPRIA HEALTH AND SAFETY ISSUE 		
	TY ISSUES REQUIRING ATTENTION.	
5 COMMENTS:		
1 Undeveloped area cres	k transect soil sampling	
(2) FSP # 5.17 HAS	P#Z,8	
3) Potential contact with	h impacted surface or subsurf	ice soils inhalation it
released sort vapors.	Splashing of decon waters, musc	le strain, slips/ trips/ Falls.
noise contact uf		
4) PPE is modified law	parade to level (OV/PICO) I A	book rezone using the PID,
4 gas, and KAM; W	porade to level (OV/PRO) 1- no	2 CC 55 at 7
	document appropriately on waste to	es sale
ATTENDANCE: EMPLOYEE NAME (print)	EMPLOYEE SIGNATURE	COMPANY
MEH THOMPSON	(foren throsson)	056
Alan Gak	A July	OBB
- Kir happing		HAVERUK
King on a land	That w) To	solita
Pack Gul	J'est	086
SU	SMITTED TO WESTON 19Nove9 @	1800
		····
IE ADDITIONAL SPACE IS SEC	DE Havesdink /	D = 2/
IF ADDITIONAL SPACE IS REC RECORD ON REVERSE S	IDE PRINTED NAME	SIGNATURE OF PREPARER
		N 99
		DATE

	SAFETY MEETING FORM	
	(Loungiadient alluvial aguific	DATE 19 Nov 89
•	DE Haverdink / O'Brien +Gere	
PROJECT NAME Solutia - S	auget Area / PROJECT LOCATION	ON W. of GHL
WEATHER Cloudy	PRECIPITATION TRUE OVERAIS	A+ TEMPERATURE ~609F
NUMBER OF HOURS WORKED	NUMBER OF EMPL	OYEES
3 HEALTH AND SAFETY ISSUE	NATE SECTION OF FSP & HASP S WITH SCHEDULED WORK ETY ISSUES REQUIRING ATTENTION:	
1 Downgradiant all	uvial aguster sampling	
(2) FSP # 5,9;	HASP # 2.6 (generally applic	sable - not instelling wells)
3) Potential contact shock, muscle	with VOCs, combustible gosses, strain slips/ trips/ falls, noise,	Splashing of water Rectice Contact w/ irritent plants
	level D with air marinoring in a supported to level C is necessary and document appropriately on was ally; drive with caution are	·
ATTENDANCE: EMPLOYEE NAME (print)	EMPLOYEE SIGNATURES	COMPANY OBC
Alan Corr	A Comment of the Comm	
Dry lovett	Range Mc Bagger	IPS IPS
Kinbert of Peder	Willy My	Mississice Solution
	SUBMITED TO WESTON 19NOW99 @	/6∞
IF ADDITIONAL SPACE IS RE RECORD ON REVERSE		DE Havelin E / SIGNATURE OF PREPARER

L'STLOUTS DEVISIONADMENT PRISAFLOG WPD

Solutia Inc. Sauget Area 1 (Please Print)

Date	Name	Organization	Phone #	Time in	Time Out]
N/19/99	Kumbod - Perry	Soltia	314-6747402	06 35		
11/19/99		056		0655	1810	10
1-19-99	Afren Thompson	086		0655	0181	10
11-19-99	Dave Have dink	<i>0</i> 86	74280 6435	0700	1/2 10	10
11-4-97	DAN LOCATI	TPS	66.2447900	0000	1810]
11-19-97	THOMAS R. BALDIVIY	CAHOKIH T.D.	(618)337-9505	0700	1200	
11-19-44		MAUTRICK FPS	3/4-280-6434	0709	1810	10
11. 1921	Len AFFUNTY	MAUTRICK	6-678-244-7300	0711		1
11-19-99	Ron M. Brayer		6182411-7900	0715	1700	Į
11-19-44	TimTedesico	OBC		0800	1515	8
	Dean Palwer	0843	314 8424450	0900	09.30	/
11-19 -19	Nicolas Jenkins	0G G	314 842 4550	1100	1810	7
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WORK FORECAST

Work Forecast for the day/week: 22 May 99 Date: 19 Nay 89
Project Name: Soutra - Sauget Area/ Project Location: field ofc.
Company Name: O'Brien & Gere
1. List Work Items and Locations Scheduled for Next Day/Week:
· Clean up & organize supplies @ field ofc.
- Coordinate future field activities
· · · · · · · · · · · · · · · · · · ·
SUBMITED TO WESTON 19NN99 @ 1800
DEHaroding DEHarers / 19Nav 99

If Additional space is required, record on reverse side

Name/Signature/Date of Preparer

No. A

Soil Saugho

UAS-77-53 wisher split

Mater Scrobs AA-GHL-SI (52.56) AA-GHL-SZ (32-36)(42-46)

Undecelored Soil Sugling a complete
Roults need to be in and evaluated sites
Developed St. 1 Sugling and by:

INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - MILITARY (ER 415-1-302)					
	REPORT NO.	056			
PROJECT	DATE	22 November, 99			
Solutia Sauget Area 1 Sauget, Il	CONTRACT NO.				
CONTRACTOR	WEATHER	Sunny, Temp. 60°F			
O'Brien Gere					
CQC Inspection phases attended and instruction	tion given:				
 OBG completed soil sampling for all Under activities 	eveloped Soil Sa	ampling. Prepared for upcoming			
Results of QA inspections and tests, defication of contractor. Include comment pertains					
1) Alluvial Aquifer sampling is taking a long NTU's as required in the FSP so purging samples can be taken.					
Verbal instruction given to contractor: (In	nclude names, re	eactions and remarks)			
1) None					
Has anything developed on the work, which might lead to a change order or $\underline{\text{NO}}$ YES finding of fact?					
Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc.					
1) Extending beyond the site boundaries for soil gas survey poses access issues with several sitesI (village of Sauget), H (Village of Sauget, Rogers Cartage), G (Queeny Rd. & Cerro Copper). OBG will get what they can and Solutia will work on getting access from the appropriate parties.					

Information, instructions or actions tal	ken not covered on	QCR report or disa	agreement:
1) None			
SAFETY: (Include any infractions of appr From Government personnel. Specify corr			nstructions
1) None			
REMARKS: (Include visitors to project an	nd miscellaneous r	emarks pertinent to	work.)
INSPECTORS'S SIGNITURE	DATE	SUPERVISOR'S INITIALS	DATE
	11-22-99		
		A A A A A A A A A A A A A A A A A A A	

DAILY WORK LOG

DATE 22Nov99

PROJECT NAME Solutia - Sauget Area/ PROJECT LOCATION Field ofe. WEATHER Cloudy PRECIPITATION SIGHT TEMPERATURE ~600F NUMBER OF HOURS WORKED 42 NUMBER OF EMPLOYEES 5 1. ITEMS WORKED ON (ITEM NO., DESCRIPTION, STA. TO STA., FOREMAN) INSTRUCTIONS RECEIVED FROM SOLUTIA 3. INSTRUCTIONS RECEIVED FROM USEPA 4. DEVIATIONS VISITORS (NAMES & TITLES) EQUIPMENT 7. LUNCH MEETING COMMENTS: 8. UNUSUAL EVENTS (FIRE, FLOOD, STORM, LABOR DISPUTES, ETC.) 9. REMARKS: Cleared & organized field ofc.; prepared for upcoming activities so a Hacked visitors log For Support vehicles TD WESTON ON 11/22/99 (0) IF ADDITIONAL SPACE IS REQUIRED.

RECORD ON REVERSE SIDE

WORK FORECAST

Work Forecast for the day week: 29 Nav 99 Date: 22 Nov 99
Project Name: Solutia - Sauget Area/ Project Location: SAN, W. of GHL
Company Name: D'Brien + Gere
1. List Work Items and Locations Scheduled for Next Day/Week:
· Continue doungradient alluvial aguifer sampling W. of GHL
· Begin waste borings at Site N
· Perform gran size angly six sampling at Stk N.
SUBMITTED 10 WESTON ON 11/22/99 (a) 1813
DEHavedon De Hand / 221619

RECORD ON REVERSE SIDE

Work Forecast f	or the d	zy)veck	23 No	v 99	Dai	121/arg
Project Name:	Souts	9 - Sa	uget Arca	/ Project !	Location: _	
Company Name		_		·		
1. List Work It	ems and	Locatio	ns Scheduled	for Next Day/W	eek:	
•	No	freid	activities	scheduled	for rea	namour of week
				·		
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	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·				
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SUBIANI TTEC	TO.	WEST	row on	11/22/99 0	18;15.	
			De	Have dinked	Howardal	122 Nov 89

If Additional space is required, record on reverse side

Name/Signature/Date of Preparer

Solutia Inc. Sauget Area 1 (Please Print)

Date	Name	Organization	Phone #	Time in	Time Out
11/22/99	Dove Havodink	So/LHa	314-674-3402	0650	0150
1/22-99	Dove Havodink	006	314 580 6435	0655	5
11-22-41	Dairen Thompson	006		455	±150 5
11-22-99	Dayen Thompson Nick Scukins Linic desco	V'Erien and Gere	314 542 4550	0700	11.05
11-22-49	Tim redesco	086	314-280-6433		1130
11-22-99	COLIN WELLENGAMI)	O3 <i>G</i>	3/4-0-17-4550		1505
					
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INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - MILITARY (ER 415-1-302)	• 1				
	REPORT NO.	057			
PROJECT	DATE	23 November, 99			
Solutia Sauget Area 1 Sauget, IL	CONTRACT NO.				
CONTRACTOR	WEATHER	Cloudy, Temp. 60°F			
O'Brien Gere					
CQC Inspection phases attended and instruc	tion given:				
1) No field work today, OBG Not on sight. I	No work until 11	1-29 after Thanksgiving.			
Results of QA inspections and tests, defici action of contractor. Include comment perta					
1) Alluvial Aquifer sampling is taking a long NTU's as required in the FSP so purging samples can be taken.					
Verbal instruction given to contractor: (In	nclude names, re	eactions and remarks)			
1) None					
Has anything developed on the work, which might lead to a change order or NO YES finding of fact?					
Information on progress of work, causes for material, etc.	Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc.				
1) Extending beyond the site boundaries for several sitesI (village of Sauget), Rd. & Cerro Copper). OBG will get what from the appropriate parties.	H (Village of Sa	auget, Rogers Cartage), G (Queeny			

Information, instructions or actions taken not	covered on	QCR report or disagree	ement:
1) None			
SAFETY: (Include any infractions of approved s From Government personnel. Specify corrective			ructions
1) None			
REMARKS: (Include visitors to project and misc	ellaneous r	emarks pertinent to wor	:k.)
Weston prepared sample equipment and made su	are there wa	s enough for the upcomi	ing weeks.
			Ţ
INSPECTORS'S SIGNITURE	DATE	SUPERVISOR'S INITIALS	DATE
Skan	11-23-99		

No. 23

World Work Today
World Delivered Snylle Supplies
From Las to 5. te

Thanks siring Holoday

INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - MILITARY (ER 415-1-302)	THE OCR WILL BE ATTACHED TO OR FILED WITH THE QAR.			
	REPORT NO.	058		
PROJECT	DATE	29 November, 99		
Solutia Sauget Area 1 Sauget, IL	CONTRACT NO.			
CONTRACTOR	WEATHER	Cloudy, Temp. 55°F		
O'Brien Gere				

CQC Inspection phases attended and instruction given:

- 1) Downgradient Alluvial Aquifer Sampling: AA-GHL-S1(62-66), AA-GHL-S2(52-56)
- 2) Fill area waste sampling: Mobilize drill rig to Site N

Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities.

1) Alluvial Aquifer sampling is taking a lot of time. The turbidity is not going below 5 NTU's as required in the FSP so purging continues for two hours at each interval before samples can be taken.

Verbal instruction given to contractor: (Include names, reactions and remarks)

1) None

Has anything developed on the work, which might lead to a change order or $\underline{\text{NO}}$ YES finding of fact?

Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc.

- 1) Extending beyond the site boundaries for soil gas survey poses access issues with several sites --I (village of Sauget), H (Village of Sauget, Rogers Cartage), G (Queeny Rd. & Cerro Copper). OBG will get what they can and Solutia will work on getting access from the appropriate parties.
- 2) Rogers Cartage has denied access to Solutia for any future work.

Information, instructions or actions taken not 1) None	covered on	QCR report or disagree	ement:
SAFETY: (Include any infractions of approved s From Government personnel. Specify corrective			ructions
1) None			
REMARKS: (Include visitors to project and misc	ellaneous re	emarks pertinent to wor	ck.)
INSPECTORS'S SIGNITURE	DATE	SUPERVISOR'S INITIALS	DATE
	11-29-99		

DAILY WORK LOG

_	DATE 24NW 99
PROJECT NAME Schotiz - Szoyt Arcz 1 PROJECT LOCA	ATION WotGLL; Sitel
WEATHER CLUB COOL PRECIPITATION	TEMPERATURE 535
NUMBER OF HOURS WORKED NUMBER OF EN	MPLOYEES
1 ITEMS WORKED ON (ITEM NO. DESCRIPTION, STA. TO STA. FORE) 2 INSTRUCTIONS RECEIVED FROM SOLUTIA 3 INSTRUCTIONS RECEIVED FROM USEPA 4 DEVIATIONS 5 VISITORS (NAMES & TITLES) 6 EQUIPMENT 7 LUNCH MEETING COMMENTS: 8 UNUSUAL EVENTS (FIRE, FLOOD, STORM, LABOR DISPUTES, ETC.) 9 REMARKS. (1) · DOWN CRUNCT 2 LUNCH 25 LEC SIMPLING (MAA-CHL S2) 2+ AA-CHL - SI ((2-(16)-1) & AA-CHL S2 2+ AA-CHL - SI (72-76) & AA-CHL S2 - M. B. LOOD SOIL RIS WISE CHURCHER IZEM ()-CON PRI 21 S. R. N. FOR WISH CHURCH	SP #5.9) Cullected Glassing (52-567); began puging (62-667)
(2) Retuselet S1 72' - Instructed to offset - acpin at 72-76	
3 Nose	
(g) None	
© See etteched visition logs	
6) 2 Georges rys; HdS equipt, simplia	, egra j munitoring egra-j
O) None	
& None	
& Nne	
Subalted to Weston un 29	100,19 1 17/5
IF ADDITIONAL SPACE IS REQUIRED, RECORD ON REVERSE SIDE PRINTED NAMED	E SIGNATURE OF PREPARER / DATE

SAFE (Du	=14 MEETING FORM	Simpling)
CONDUCTED BY / COMPANY : Tim leve	sco/OBrant Gen	DATE 29:0099
PROJECT NAME Sulti- Singt	_ /	•
WEATHER COOL 45° PRE	CIPITATION NONC	TEMPERATURE 457
NUMBER OF HOURS WORKED	NUMBER OF EMP	PLOYEES
3 Potential contact y voci, shock, muscle storm, sty	EDULED WORK: REQUIRING ATTENTION: Schedly Epplication Compatible Street polytropy folls, many 1 2ir montary 1 2ir montary 1 2ir montary	breething zone wany PIN+
ATTENDANCE: EMPLOYEE NAME (print) I'M ICICALO LIMBEN THINGSON COLIN WRLIENKAMP TOMY FINCH EN LING MALEN THINGSON TOMY FINCH EN LING MALEN THINGSON TOMY FINCH EN LING MALEN THINGSON TOMY FINCH EN LOYETT TOWN OYEE SIGNATURE	COMPANY OBS SULTICE SULTICE OBS OBS OVES NFULCI FPS TPS	
IF ADDITIONAL SPACE IS REQUIRED, RECORD ON REVERSE SIDE	Veston 29Nov49 2 Tim Tedesc PRINTED NAI 29N	ME/ SIGNATURE OF PREPARER

WORK FORECAST

Work Forecast for the day/week: 29 No	79 Date: 29.029
Project Name: Saluta - Syd An	el Project Location: Wot6, H. L. S.t
Company Name: O'Brien & Ger	
1. List Work Items and Locations Scheduled for	r Next Day/Week:
· Contra GW simples 25 viter W. at GHL	1 st Surgerist ellusid (SIASZ)
	Site N + adonstruct D. Con ped
· Continue consinten	ot thre zetivities
Sibnite to Wester	on 29Nov99 et 1520
L'and	clesis/ ITPM 290049
If ADDITONAL SPACE IS REQUIRED, RECORD ON REVERSE SIDE	Name/Signature/Date of Preparer

WORK FORECAST

Work Forecast for the day week: 30 NJ99 Date: 29/11/94
Project Name: Sultiz- Szyct Ace 2 1 Project Location: Wot GHL; Ste N
Company Name: O'Brient Gene
1. List Work Items and Locations Scheduled for Next Day/Week:
¿Continue GW Simpling et connecticat elluriel Equiter Work (S1452)
- Mostine
· Weste · chereckrienten burings = et Site N
· Continue condinutes ut the retrictes
Submite to Wester on 29Nugget //)
Tim Tedes wo Ling Le / 29 Nos99

If ADDITONAL SPACE IS REQUIRED, **RECORD ON REVERSE SIDE**

Name/Signature/Date of Preparer

Solutia Inc. Sauget Area 1 (Please Print)

Date	Name	Organization	Phone #	Time in	Time Out
11/24/4	Kimber 7 Per	Solita		1150	1205
	Kimber 7 Perry Daren Thompson Town Finch	086		10:00	1;25
	TOWY FINCH	056		10:15	1125
	Tony Fire-1	046		1350	1550
\bigvee	Tony Five-1 Doran Thompson	01/26		1350	1550
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SITE VISITOR LOG
Solutia Inc.
Sauget Area 1
(Please Print)

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The state of the s	Organization		Phone #	Time in	Time Out
The total levided were Per	y 50/042		314-674-7402	0625	0642
115 LICAL WELLENS	O'Buen and Gere		314-842-4550	0605	0680
DESTRUCTION OF THE PROPERTY OF	10B6		314-280-6433	0655	1700
THOMAS OF THE LEVEL ANY	036		502561826	0655	1700
THE LIN WELLENKAMP	086		(314) 642-4550	OG 55	1727
who wish love TT	I FP3		618-244-25001	0655	V 1600
MILLIAN MERGYER	IPS		518-244-7900	07:05	1600
	RF waster			0710	1030年
13/12 /KN Frail METALLE	096			0.710	U45
A STANDARD PROPERTY.	CHHOICIA P.D.	·	618-337-4065	6215	13 00
	MARICIC	, .		1430	100000000000000000000000000000000000000
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SHEWITE SHEW	TX- (ABI)	44,000	r Per e e e e e e e e e e e e e e e e e e	न् र्वे । श्रीकार का क्षेत्र विश्व राष्ट्र का दि	建设建筑 建设
	A - T present Man	1	Physics 64 in Lipsage	A Company to suppose address.	MEN' LINE
	The state of the s	•			16-18-11-1
		file at appearing non-	And the same of th	माण्डास सहस्रा	74.5
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Nos 29

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submit a ylan S. L. L. S. 11.5

INSPECTORS QUALITY ASSURANCE REPORT (QAR) DAILY LOG OF CONSTRUCTION - MILITARY (ER 415-1-302)	·		
	REPORT NO.	059	
PROJECT	DATE	30 November, 99	
Solutia Sauget Area 1 Sauget, IL	CONTRACT NO.		
CONTRACTOR	WEATHER	Cloudy, Temp. 45°F	
O'Brien Gere			
CQC Inspection phases attended and instruc-	tion given:		

- 1) Downgradient Alluvial Aquifer Sampling: AA-GHL-S1(72-76), (82-86) and AA-GHL-S2(62-66), (72-76)
- 2) Fill area waste sampling: Site N-collected surface samples from B1, B2, and B3. Completed boring Waste-N-B1 (Conducted a meeting to refresh everyone on the task)

Results of QA inspections and tests, deficiencies observed, actions taken and corrective action of contractor. Include comment pertaining to contractors CQC activities.

1) Alluvial Aquifer sampling is taking a lot of time. The turbidity is not going below 5 NTU's as required in the FSP so purging continues for two hours at each interval before samples can be taken.

Verbal instruction given to contractor: (Include names, reactions and remarks)

1) None

Has anything developed on the work, which might lead to a change order or NO YES finding of fact?

Information on progress of work, causes for delays and extent of delays, weather, plant, material, etc.

- 1) Extending beyond the site boundaries for soil gas survey poses access issues with several sites --I (village of Sauget), H (Village of Sauget, Rogers Cartage), G (Queeny Rd. & Cerro Copper). OBG will get what they can and Solutia will work on getting access from the appropriate parties.
- 2) Rogers Cartage has denied access to Solutia for any future work.

Information, instructions or actions taken	not covered on	QCR report or disa	greement:
1) None			
SAFETY: (Include any infractions of approve From Government personnel. Specify correct			nstructions
1; None			
			The state of the s
REMARKS: (Include visitors to project and m	iscellaneous r	emarks pertinent to	work.)
	DAME	CURERVICORIO	
INSPECTORS'S SIGNITURE	DATE	SUPERVISOR'S INITIALS	DATE
	11-30-99		
	1		

DAILY WORK LOG

DATE 30 Nov 89

EATHER Cloudy	PRECIPITATIO	ON MAR	TEMPERATURE ~457
UMBER OF HOURS WORKED _	<i>55</i> .5	NUMBER OF EMPLOYEES	
ITEMS WORKED ON (ITEM NO	DESCRIPTION STA	A TO STA FOREMAN)	· · · · · · · · · · · · · · · · · · ·
INSTRUCTIONS RECEIVED F			
I INSTRUCTIONS RECEIVED F	ROM USEPA		
DEVIATIONS			
VISITORS (NAMES & TITLES)EQUIPMENT			
LUNCH MEETING COMMENTS			
UNUSUAL EVENTS (FIRE, FLO		DISPUTES, ETC.)	
REMARKS:			
7 6. 411 / / · · ·	- // /		1 D= D= #5/#:
DSKN Waste bornes:	Collected Surface	By, set up for boring	(62, 82 AS/ASD, 83
Dungal allow as . Som p	: collected 6W	Samples AA-GHZ-	51- (72-76FT) (82-86F)
AA-CHL-SZ-(62-66FT). (72-76 FT). (62	-66 FT - FD) (F	Spr 5. 1)
None			
NOME			
None		····	
See affected visitors	/4 •		
2 Geoprobe rigs. 1	CME 750 drill rig,	support vehicles, H+S	egup, mori tot the egup,
sampling emip	~		
None			
None			
None			
			
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	4177 1 1 1 TAA	1 2011 100 10 1910	
1/2/54	MITED TO LESTON	1 30 Nov 29 @ 1900	
		E Haverdink / SE Han	

PREPARATORY INSPECTION MEETING

Conducted by/Company: /im Tedesco/C Brient Gene Date: 30,0099 Project Name: Schots Sigt Art 1 Task: Fill Archiest Bright Ste A
1. Scheduled Work:
2. Equipment, Procedures, Personnel:
3. Ref. To App. Sec. of FSP/HASP:
4. Issues that could arise and how to resolve:
5. Solutia comments:
6. EPA comments:
O-Jastelly heret Weste Brians in Ste W (exception to be
- Burings will be instilled to 2 feet below fill nationals Y
- A surtrie sul will be collected o each busing site
except certo- during
- 3 inch split spoon all the way down, continually
- Composite winte scoople our catine wate interel
* Encor sempling of VC(" in surtree soil
- D'internal section(s) will be success of a PID4
highest screened interval will be swanted for VCC contains
+ placed in 402, 125> - over entire "till depth"
- Total + 5 bonns of one in the contract the
5. te to 15 below till m chearl-10 sensing, PID screening only
- Segeste scill cutting - Di a T comingle of write branks
men other sites
DE FROM PE Hillow Sten House Equipt, PID, PAM, 4 Cas Miter
3 FY Section 5.3 of MAJP Section 24 (level Cin.th.lly)
ATTENDINGE: (4) (Uct sufficient recessor to tell metrid-cholor ell
EMPLOYEE NAME (print) EMPLOYEE SIGNATURE COMPANY (CUALING)
HEALANTICTY SEE LIFE MANIEUR
Krafing & trong
Dale Maharin hale Nh = laune within to
Dave Haverdink Dae Howds 056
Tony Finan and OBG
limitedess LANGE UBG
LE ADDITIONAL SPACE IS RECVIDED.
IF ADDITIONAL SPACE IS REQUIRED, /im/elles / LAV. U RECORD ON REVERSE SIDE PRINTED NAME/ SIGNATURE OF PREPARES

Submittanto Weston on 30 Nov 99 2+ 080

WORK FORECAST

Work Forecast for the day week: Ol Dec 99 Date: 30 Nov 99
Project Name: Solutra - Sauget Area / Project Location: Site N + W. of G
Company Name: O'Brien + Gere
1. List Work Items and Locations Scheduled for Next Day/Week:
· Continue waste busings at Site N
· Continue downgradient alluvial aquifer sampling W. of Site G
SUBMITTEN TO LIKES TON JONOVET CO / 900
DE Havesdink DE Havorfiel 130 Nov 99

If ADDITONAL SPACE IS REQUIRED, RECORD ON REVERSE SIDE

Name/Signature/Date of Preparer

SAFETY MEETING FORM

(Lbungia	idient alluvial agulfer sai	DATE 30 1/21 19
CONDUCTED BY / COMPANY DE Havedink,	10Bien + Cere	
PROJECT NAME Solutia - Suuget Area	PROJECT LOCATION	W of G
WEATHER Josty Clase, PRECIP	PITATION NOR	TEMPERATURE ~ 259
NUMBER OF HOURS WORKED		
SCHEDULED WORK: REFERENCES TO APPROPRIATE SECTION (HEALTH AND SAFETY ISSUES WITH SCHEDU SPECIFIC HEALTH AND SAFETY ISSUES RE(COMMENTS:	JLED WORK:	
1 Drungradient alluvial aguster	sampling	
(2) FSP # 5,9; HASP # 2	16 (generally applicable	le - not instelling wells)
(3) Patential contact with VOCs, shock, muscle struk, slips		
(4) FRE is modified level D with lespirator on hand is upgrade to	level C is necessary	
(5) Segregate wastes and document support rehicles only; drive	with caution around	Cett office
ATTENDANCE:		
EMPLOYEE NAME (orint) EMPLOYE	EE SIGNATURE	COMPANY
DAR ON DEDMISON Clever	Propor	08/2
Dan Gurt	AL S	I.P.S
Ray Ma Berger France	Tichonies	105
They INFECRETA	Tell of	MAIUELICE
Sum.Hest	Juha en 30Mas	रिस ०४३०
IF ADDITIONAL SPACE IS REQUIRED, RECORD ON REVERSE SIDE	DE Havesdink 18 PRINTED NAME 1	E4 curdent SIGNATURE OF PREPARER
	30 N	14,00
		DATE

SAFETY MEETING FORM (WASTE BORWGS)

CONDUCTED BY / COMPANY : DE	Haverdink 10'B	tion 4Gere	DATE 30 1/3/49
PROJECT NAME Solution - Saug	•		Site N
WEATHER postly cloudy	PRECIPITATIO	ON MORE	TEMPERATURE ~25%
NUMBER OF HOURS WORKED		NUMBER OF EMPLOYEE	s <i>NA</i>
rig hazards of over 1 CO form exhaust, an Splashing of impacted	WITH SCHEDULED Y ISSUES REQUIRIN Sile N ASP # 2. 4 A hezgrdous man ked falling object d roll-over; liquid from the level B on hand PPE based on	WORK: IG ATTENTION: FENTIALS and wester As moving parts, f breathing of impace boxing or during a air monitoring is air monitoring is	from the boring; dirill PRESSURVEED lines, noise, Med dust or vapors; Mecon; slips/trips/falls with PID, 4-gas, and RAM; sp. castridges are OV/Prop; eded
ATTENDANCE: EMPLOYEE NAME (print) TOM Final And Island And Isla	EMPLOYEE SIGI		COMPANY COM
Dale Mahurin	to Wester	300009	7210830
IF ADDITIONAL SPACE IS REQU RECORD ON REVERSE SID	JIRED. #	30 Na 99	GNATURE OF PREPARER

Solutia Inc. Sauget Area 1 (Please Print)

Date	Name	Organization MAUEITICK CONSTRUCTION	Phone #	Time In	Time Out
	KenLAFFERTY	MAURITICK CONSTRUCTION		1620	
•	1 / / 4				

Solutia Inc. Sauget Area 1 (Please Print)

Date	Name	Organization	Phone #	Time In	Time Out
11-36-19		UBG	14.780	0655	1710
11/20/4i	DAREN THO INFlow	⊀i?/>	50255182100	6.55	1945
11-30-17	CO. N WELLINKAMP	53E,	842-4550	OG 55	1945
11/2411	A Core T	IPS IN	C15 244 7900	06:58	16:50
	A- Corer		6:15-7-44.7900	Oles 165	16:50
11/30/99	Tony Finey	CAlokia P.J.		650	1740
11 36 99	MAH SLANKAMA	CALOKIA P.J.		650	1700
N 70 94	Ken LALKILIM	MAINFICK		0700	1830
11/32/99	Dak Mahyrin	LayNe Western en		0700	15:55
11/30/99	ROAL SULLINS	Layre Western to.		0700	15:55
11-10-99	Dave Howedisk	OBG	714-280-6435	11655	1900
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Demodert Surfler of AA.CHL-51 to 38.56 and 32.52 to 36.64

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